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USNJ 724070

USAFETAC/DS-88/025

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**OPERATING LOCATION - A**  
**USAFETAC**  
**Air Weather Service (MAC)**



REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBSERVATIONS

ATLANTIC CITY NJ

MSC# 724070

N 39 27 W 074 35 ELEV 76 FT KACY

PARTS A - F HOURS SUMMARIZED 0000 2300 LST

PERIOD OF RECORD:

HOURLY OBSERVATIONS: JAN 78 - DEC 87

SUMMARY OF DAY DATA: FEB 45 DEC 87 JUN 13 1988

AD-A196 641

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JUL 07 1988

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REPORT DOCUMENTATION PAGE

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- 6a. Name of Performing Organization: USAFETAC/OL-A
- 6b. Office Symbol:
- 6c. Address: Federal Building, Asheville, NC 28801-2723.
- 11 Title: (RUSSWO) ATLANTIC CITY NJ.
- 12 Personal Author(s):
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- 13b Time Covered: Feb 45-Dec 87.
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- 17 COSATI Codes: Field--04, Group--02
- 18 Subject Terms: \*climatology; \*weather; meteorological conditions; winds; precipitation; temperature; visibility; barometric pressure; relative humidity; sky cover; psychrometric data; ceiling; Revised Uniform Summary of Surface Weather Observations (RUSSWO); Atlantic City NJ; Pomona Airport NJ; New Jersey; USNJ724070.
- 19 Abstract: A six-part statistical data summary of surface weather observations for: Atlantic City NJ. Summary consists of: PART A, Weather Conditions and Atmospheric Phenomena; PART B, Precipitation; PART C, Surface Winds; PART D, Ceiling and Visibility; PART E, Psychrometric Summaries; PART F, Pressure Summaries. See USAFETAC/TN-83/001 (ADA132186), An Aid for Using the Revised Uniform Summary of Surface Weather Observations (RUSSWO) for complete description of contents and instructions for use.
- 20 Distribution/Availability of Abstract: Same as report.
- 21 Abstract Security Classification: UNCLASSIFIED.
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- 22c Office Symbol: USAFETAC/LDD

**REVIEW AND APPROVAL STATEMENT**

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This document has been reviewed and is approved for publication.

FOR THE COMMANDER



WALTER S. BURGANN

Scientific and Technical Information Program Manager

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STATION NAME: ATLANTIC CITY JEP A

STATION NUMBER: 724070

CALL ID: RACT

PERIOD OF RECORD:

HOURS SUMMARIZED: 0000-2300 LST

HOURLY OBSERVATIONS: JAN 78 - DEC 67

SUMMARY OF DAY DATA: FEB 45 - DEC 67

TIME CONVERSION LST TO GMT: +5

NOTE: DUE TO ADVANCED AND MORE THOROUGH QUALITY ASSURANCE PROCEDURES EMPLOYED AT USAFETAC/OL-A, MINOR CHANGES TO THE DATA AND STATISTICAL VALUES FROM PREVIOUSLY PUBLISHED RUSSWOS MAY OCCUR.

OL-A/USAFETAC/MAC/AWS  
ASHEVILLE NC 26801

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS: ALL RECORD OR RECORD SPECIAL OBSERVATIONS RECORDED ON THE AWS FORMS 10/10A AT SCHEDULED HOURLY INTERVALS.

SUMMARY OF DAY DATA (DAILY OBSERVATIONS): DATA COMPILED FROM ALL AVAILABLE OBSERVATIONS WHICH INCLUDES HOURLY OBSERVATIONS AND DAILY DATA RECORDED IN COLUMNS 66-73, AWS FORMS 10/10A.

DESCRIPTION OF SUMMARIES: PRECEDING EACH PART OF THE RUSSWO IS A BRIEF DISCUSSION OF THE SUMMARY INCLUDING THE MANNER OF PRESENTATION.

STANDARD 3-HOUR TIME GROUPS: IN ALL SUMMARIES SHOWING DIURNAL VARIATIONS, WE SUMMARIZE DATA USING THE FOLLOWING EIGHT 3-HOUR TIME PERIODS IN LOCAL STANDARD TIME: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 LST.

FOR A DETAILED DESCRIPTION OF EACH SUMMARY WITH EXAMPLES AND EXERCISES ON ITS USAGE, SEE USAFETAC/TN-83-001, "AN AID FOR USING THE REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS" (RUSSWO).

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PART D: CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

PART E: TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

PART F: PRESSURE SUMMARIES

AWSMSC NUMBER: THIS NUMBER IS THE AIR WEATHER SERVICE MASTER STATION CATALOG NUMBER. THIS NUMBER IS COMPRISED OF THE WMO NUMBER WITH THE ADDITION OF A SUFFIX (0 THROUGH 9). IN CASES WHERE THERE IS NO DESIGNATED WMO NUMBER, A 5-DIGIT NUMBER IS CREATED IN AGREEMENT WITH WMO RULES PLUS A SIXTH DIGIT. THESE NUMBERS ARE ALSO REFERRED TO AS DATSAV OR USAFETAC NUMBERS WHICH UNIQUELY IDENTIFY MORE THAN 15,000 REPORTING STATIONS WORLD WIDE.



Dist	Spec
A-1	

STATION NO. ON SUMMARY 724070		STATION NAME ATLANTIC CITY/POMONA APT, NJ	LATITUDE N 39 27	LONGITUDE W 074 35	FLD ELEV (FT) 76	CALL SIGN ACY	WFO NR 72407		
STATION LOCATION AND INSTRUMENTATION HISTORY									
Nmbr of Loc	GEOGRAPHICAL LOCATION & NAME	Type of Station	At This Location		LATITUDE	LONGITUDE	Elev Above MoL		OBS FLD Lm?
			From	To			FLD (FT)	BARO (FT)	
1	Atlantic City, NJ	NAS	Feb 45	Aug 46	N 39 27	W 074 35	80	67	24
2	Same	Same	Sep 46	Apr 47	Same	Same	Same	Same	16
3	Same	Same	May 47	Jun 58	Same	Same	Same	Same	14
4	Atlantic City/Pomona Apt, NJ	NWS	Jul 58	Sep 64	Same	Same	Same	Same	14
5	Same	Same	Sep 64	Oct 68	Same	W 074 34	76	Same	24
6	Same	Same	Oct 68	Jun 72	Same	Same	Same	18	14
7	Same	Same	Jul 72	Apr 84	Same	Same	Same	Same	14
8	Same	Same	May 84	Jan 88	Same	W 074 35	Same	Same	24
Nmbr of Loc	Date of Change	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIP- MENT, OR REASON FOR CHANGE			
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND				
1	Feb 45	Atop Operations Bldg	Anemometer	N/A	58 ft				
2	Jan 50	Atop Control Tower	AN/UMQ-5A	RD-108E	68 ft				
3	Jul 58	Same	F420C	F312	73 ft				
4	Feb 62	Located on field	Same	Same	20 ft				
5	Jan 88	Same	Same	Same	20 ft				

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## WEATHER CONDITIONS AND ATMOSPHERIC PHENOMENA SUMMARIES

### WEATHER CONDITIONS SUMMARY:

1. A PERCENTAGE FREQUENCY OCCURRENCE SUMMARY OF VARIOUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS TO VISION.
2. DATA BASED ON HOURLY OBSERVATIONS.
3. SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

### ATMOSPHERIC PHENOMENA SUMMARY:

1. A PERCENTAGE FREQUENCY OF DAYS SUMMARY OF VARIOUS ATMOSPHERIC PHENOMENA AND OBSTRUCTIONS TO VISION.
2. DATA BASED ON SUMMARY OF DAY DATA.
3. SUMMARIZED BY MONTH WITH ALL HOURS AND ALL YEARS COMBINED.

### DEFINITIONS:

THUNDERSTORMS: ALL REPORTED THUNDERSTORMS, TORNADOES AND WATERSPOUTS.

RAIN AND/OR DRIZZLE: ALL REPORTED RAIN AND OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING RAIN AND/OR FREEZING DRIZZLE (GLAZE): ALL REPORTED FREEZING RAIN OR FREEZING DRIZZLE.

SNOW AND/OR SLEET. SNOW INCLUDING SNOW PELLETS AND GRAINS, ICE CRYSTALS AND PELLETS (SLEET).

HAIL: ALL REPORTED HAIL.

ALL PRECIPITATION: THIS CATEGORY INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY APPEAR IN A SINGLE OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL COLUMNS MAY EXCEED THE PERCENTAGES IN THIS COLUMN.

FOG: ALL REPORTED FOG, ICE FOG AND GROUND FOG.

SMOKE AND/OR HAZE: ALL REPORTED SMOKE, HAZE AND ANY COMBINATION THEREOF.

BLOWING SNOW: ALL REPORTED BLOWING SNOW INCLUDING DRIFTING WHEN REPORTED.

DUST AND/OR SAND: ALL REPORTED DUST, SAND, BLOWING DUST, BLOWING SAND AND ANY COMBINATION THEREOF. THE ATMOSPHERIC PHENOMENA SUMMARY (DAYS WITH) INCLUDES ONLY THOSE REPORTS WHEN THE PHENOMENA VISIBILITY LESS THAN 5/8 MILES (1000 METERS).

ALL OBSTRUCTIONS TO VISION: INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION (FOG THRU DUST/SAND) AND BLOWING SPRAY. BECAUSE MORE THAN ONE PHENOMENA PER OBSERVATION MAY OCCUR, THE SUM OF THE INDIVIDUAL COLUMNS MAY EXCEED THIS COLUMN.

NOTES:

1. A VALUE IN THE TABLES OF "1" INDICATES LESS THAN 100% OCCURRENCE (USUALLY ONLY ONE OCCURRENCE).
2. METAR STATIONS BEGINNING IN JAN 1961 AND SYNOPTIC REPORTING STATIONS RECORDED ON THE AWS FORMS 10/10A AND TRANSMITTED LONGLINE ONLY THE HIGHEST ORDER OF ATMOSPHERIC PHENOMENA OBSERVED. BEGINNING IN JAN 1970, METAR STATIONS RECORDED ALL OBSERVED PHENOMENA BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE OBSERVATION CONTAINED RAIN, FOG AND SNOW, ALL THREE WILL APPEAR ON THE AWS FORMS 10/10A, BUT ONLY THE RAIN WAS TRANSMITTED LONGLINE. THEREFORE ONLY THE RAIN APPEARS IN OUR DATA BASE FOR HOURLY SUMMARIZATION. THIS PRACTICE AFFECTS THE PERCENTAGES IN THE TABLES.

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JAN

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02		8.6	1.0	4.9		14.0	13.3	.9	.3		14.3	930
03-05		6.5	.6	6.6		13.3	13.2				13.2	930
06-08		8.5	.2	5.4		13.8	14.1	.2	.4		14.6	930
09-11		8.3	.4	6.0		14.6	17.2	.4	.3		16.0	930
12-14		7.8	.6	7.0		14.5	14.0	1.3	.6		15.9	930
15-17		11.2		4.6		15.6	15.1	2.3	.4		17.4	930
18-20		10.3	.1	3.3		13.7	12.5	1.1			13.5	930
21-23		8.1	.5	4.8		13.3	12.6	1.3			13.9	930
TOTALS		8.7	.4	5.3		14.1	14.0	.9	.3		15.1	7440

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: FEB

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02		8.9	.5	6.5		15.1	17.3	2.2	.7		19.9	846
03-05		9.0	.7	5.0		14.1	17.7	.9	.6		18.8	846
06-08		9.3	.4	4.8		14.3	22.6	1.1	.8		23.5	846
09-11		9.1	.2	4.5		13.5	19.4	1.7	1.3		21.7	846
12-14		7.4		5.2		12.5	14.8	.8	1.1		16.1	846
15-17	.1	8.3	.2	4.5		12.2	12.6	1.1	.5		13.8	846
18-20	.2	7.9	.4	4.7		12.9	12.8	2.5	.5		15.5	846
21-23	.1	9.0	.4	6.3		15.2	14.4	2.4	.6		17.0	846
TOTALS	.1	8.6	.4	5.2		13.7	16.5	1.6	.8		18.3	6768

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: MAR

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02	.2	11.5	.4	2.4		13.3	11.3	.3			11.6	930
03-05	.3	11.7	.2	2.3		14.0	12.6	.6	.3		13.2	930
06-08	.2	12.0		2.3		14.1	17.3	1.9	.4		19.2	930
09-11		11.0		2.2		13.3	13.0	2.6	.1		15.5	930
12-14	.1	11.3		1.9		12.7	11.0	1.6			12.6	930
15-17		10.2		2.4		11.8	11.5	2.6			14.0	930
18-20	.2	10.1		1.9		11.7	10.5	2.4			12.6	930
21-23	.4	11.1	.3	2.8		13.3	10.2	.9			11.1	930
TOTALS	.2	11.2	.1	2.3		13.0	12.2	1.6	.1		13.7	7440

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: APR

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02	.8	15.0		1.2		16.6	16.1	.3			16.4	900
03-05	.2	13.7		1.1		14.6	19.6	.7			19.9	900
06-08	.1	14.0		1.4		15.3	24.4	1.7			25.9	900
09-11		12.8		1.7		14.4	16.1	1.8			17.7	900
12-14	.4	12.7		.9		13.3	12.4	2.2			14.3	900
15-17	.4	12.1		.6		12.7	12.8	2.2			14.4	900
18-20	.4	12.7		.7		13.2	14.7	2.4			17.0	900
21-23	1.2	14.0		.8	.1	14.7	15.0	.9			15.8	900
TOTALS	.4	13.5		1.1	.0	14.4	16.4	1.5			17.7	7200

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: MAY

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02	1.2	10.5				10.5	20.2	1.3			21.3	930
03-05	.3	8.4				8.4	27.4	3.2			29.2	930
06-08	.2	11.2				11.2	29.9	5.8			34.3	930
09-11		10.4				10.4	16.7	7.8			23.2	930
12-14	.1	10.5				10.5	10.9	8.0			18.2	930
15-17	.9	9.1				9.1	11.0	7.5			17.5	930
18-20	1.1	10.4				10.4	15.8	6.0			20.9	930
21-23	1.9	10.0				10.0	18.4	3.5			21.2	930
TOTALS	.7	10.1				10.1	18.8	5.4			23.2	7440

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JUN

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/CBST TO VISION	TOTAL OBS
00-02	1.3	6.9				6.9	16.3	9.8			24.3	900
03-05	.7	7.3				7.3	28.1	10.2			33.8	900
06-08	.2	6.4				6.4	24.7	17.6			37.9	900
09-11	.4	6.9				6.9	8.8	17.1			24.7	900
12-14	.9	5.6				5.6	5.1	15.3			20.1	900
15-17	2.0	6.7				6.7	5.8	15.9			21.0	900
18-20	2.7	6.4				6.4	9.2	17.1			24.9	900
21-23	2.7	8.2				8.2	12.4	11.6			22.2	900
TOTALS	1.4	6.8				6.8	13.8	14.3			26.1	7200

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JUL

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS WITH TO VISION	TOTAL OBS
00-02	1.2	4.6				4.6	19.1	16.9			30.3	930
03-05	1.9	5.3				5.3	33.1	18.9			41.8	930
06-08	.8	4.5				4.5	30.6	29.4			50.8	930
09-11	.8	4.6				4.6	7.2	26.0			31.4	930
12-14	1.1	3.8				3.8	3.4	25.5			28.3	930
15-17	2.4	5.3				5.3	2.7	25.7			27.7	930
18-20	3.0	5.6				5.6	6.5	28.6			35.4	930
21-23	2.2	5.3				5.3	10.5	21.8			28.3	930
TOTALS	1.7	4.9				4.9	14.1	24.1			34.0	7440

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: AUG

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS WITH TO VISION	TOTAL OBS
00-02	2.4	6.0				6.0	17.4	13.7			25.9	930
03-05	1.3	6.0				6.0	32.6	14.3			38.9	930
06-08	1.0	5.8				5.8	38.1	22.4			49.8	930
09-11	.5	4.2				4.2	6.9	27.7			29.5	930
12-14	1.3	4.5				4.5	3.4	21.6			24.2	930
15-17	2.2	5.1				5.1	3.9	24.8			28.1	930
18-20	2.0	4.6				4.6	5.4	23.9			27.6	930
21-23	2.6	5.8				5.8	9.9	16.7			23.4	930
TOTALS	1.7	5.3				5.3	14.7	20.1			30.9	7440

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: SEP

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02	.7	7.9				7.9	15.3	5.9			18.4	900
03-05	.3	6.9				6.9	22.2	4.2			23.9	900
06-08	.1	7.1				7.1	33.8	8.1			38.3	900
09-11	.1	6.3				6.3	10.7	10.0			19.1	900
12-14	.2	5.2				5.2	5.0	8.0			12.3	900
15-17	.1	4.0				4.0	4.8	8.8			13.3	900
18-20	1.3	6.2				6.2	5.8	9.8			14.7	900
21-23	1.3	8.3				8.3	9.3	7.3			14.9	900
TOTALS	.5	6.5				6.5	13.4	7.8			19.4	7200

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: OCT

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02	.2	6.8				6.8	16.1	.5			16.2	900
03-05	.1	9.7				9.7	20.3	.4			20.3	900
06-08	.3	7.5				7.5	28.4	2.3			30.1	930
09-11		6.1				6.1	10.6	4.8			15.3	930
12-14		5.9		.2		5.9	5.4	2.0			7.3	930
15-17		6.9				6.9	6.1	2.8			8.8	930
18-20		7.2				7.2	9.0	2.4			11.1	930
21-23	.3	7.5				7.5	11.9	1.5			12.9	930
TOTALS	.1	7.2		.0		7.2	13.5	2.1			15.3	7440

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: NOV

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02		11.6		.2		11.7	16.3	1.2			17.2	900
03-05		11.9		.2		12.1	17.6	.9			18.4	900
06-08		10.9		.3		11.2	23.8	1.4			24.9	900
09-11		10.3		.4		10.8	16.6	3.6			19.4	900
12-14	.1	8.9		.1		9.0	10.7	2.6			12.9	900
15-17		9.9		.1		10.0	10.7	3.8			14.1	900
18-20		10.1		.2		10.3	12.4	2.0			13.8	900
21-23	.2	12.0		.3		12.2	16.1	2.3			17.4	900
TOTALS	.0	10.7		.2		10.9	15.5	2.2			17.3	7200

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: DEC

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
00-02	.1	9.9		1.2		11.0	11.3	.8			11.9	930
03-05		10.6	.2	1.7		12.0	12.7				12.7	930
06-08		10.1	.3	1.9		11.7	16.2	1.2			17.1	930
09-11		10.2	.3	1.8		12.3	14.6	3.4			17.3	930
12-14		10.4		1.5		11.8	11.4	2.5			13.5	930
15-17		9.4		1.5		10.6	11.7	2.0			13.7	930
18-20		10.9		1.5	.1	12.1	10.8	1.0			11.6	928
21-23		9.9		1.4		11.2	10.9	.9			11.7	927
TOTALS	.0	10.2	.1	1.6	.0	11.6	12.5	1.5			13.7	7435

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: ALL

HOURS (LST)	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
JAN ALL		8.7	.4	5.3		14.1	14.0	.9	.3		15.1	7440
FEB		.1	8.6	.4	5.2	13.7	16.5	1.6	.8		18.3	6768
MAR		.2	11.2	.1	2.3	13.0	12.2	1.6	.1		13.7	7440
APR		.4	13.5		1.1	.0	14.4	16.4	1.5		17.7	7200
MAY		.7	10.1				10.1	18.8	5.4		23.2	7440
JUN		1.4	6.8				6.8	13.8	14.3		26.1	7200
JUL		1.7	4.9				4.9	14.1	24.1		34.0	7440
AUG		1.7	5.3				5.3	14.7	20.1		30.9	7440
SEP		.5	6.5				6.5	13.4	7.8		19.4	7200
OCT		.1	7.2		.0		7.2	13.5	2.1		15.3	7440
NOV		.0	10.7		.2		10.9	15.5	2.2		17.3	7200
DEC		.0	10.2	.1	1.6	.0	11.6	12.5	1.5		13.7	7435
TOTALS		.6	8.6	.1	1.3	.0	9.9	14.6	6.9	.1	20.4	87643

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM DAILY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 49-87  
MONTH: ALL

MONTH	TSTMS	RAIN E/OR DRIZZLE	FRZING RAIN E/OR DRIZZLE	SNOW E/OR SLEET	HAIL	% OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS W/OBST TO VISION	TOTAL OBS
JAN	.6	34.0	2.6	22.4	.2	46.9	38.2	23.3	2.3		48.6	1208
FEB	1.4	36.5	2.1	22.5	.1	48.6	40.2	23.5	2.3		49.5	1100
MAR	3.6	43.2	.4	14.5	.1	49.2	42.0	23.0	1.5		49.3	1208
APR	7.3	48.0	.1	3.2	.5	48.5	43.1	24.4			50.4	1170
MAY	11.4	49.0		.1	.4	49.0	50.4	33.8			58.3	1209
JUN	15.0	41.5			.2	41.5	56.5	91.5			69.2	1170
JUL	19.3	39.9			.2	39.9	59.7	64.4			76.7	1204
AUG	16.8	38.1			.1	38.1	63.0	60.8			75.4	1209
SEP	6.5	37.2				37.2	53.5	42.1			61.8	1170
OCT	2.7	34.3		.5		34.3	47.5	28.9			53.9	1209
NOV	1.5	41.1	.1	3.8	.1	42.8	42.0	24.7	.1		48.9	1169
DEC	.8	40.1	1.1	13.4		46.9	38.6	23.3	1.1	.1	48.3	1208
TOTALS	7.2	40.2	.5	6.7	.2	43.6	47.9	35.3	.6	.0	57.5	14234

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PRECIPITATION, SNOWFALL AND SNOW DEPTH SUMMARIES

PERCENTAGE FREQUENCY OF VARIOUS DAILY AMOUNTS OF PRECIPITATION (SNOWFALL AND SNOW DEPTH) SUMMARIES:

THESE SUMMARIES DERIVE FROM SUMMARY OF DAY DATA.

DATA ARE SUMMARIZED MONTHLY AND ANNUALLY WITH ALL YEARS COMBINED.

DISPLAYED ARE: PERCENT OF DAYS WITH MEASURABLE AMOUNTS, A PERCENT OF DAYS WITH NO AMOUNTS, TRACES, GIVEN AMOUNTS, MEANS, GREATEST AMOUNTS AND LEAST AMOUNTS (THE STATISTICAL VALUES ARE NOT INCLUDED IN THE SNOW DEPTH SUMMARY BECAUSE OF THEIR DOUBTFUL AND LIMITED VALUE).

ALSO PROVIDED ARE THE OBSERVATION COUNTS.

A VALUE OF ".0" IN THESE TABLES INDICATES LESS THAN .05% WHICH USUALLY INDICATES ONLY ONE OCCURRENCE.

EXTREME DAILY AMOUNTS OF PRECIPITATION (SNOWFALL AND SNOW DEPTH) SUMMARIES:

DATA DERIVED FROM SUMMARY OF DAY DATA

PRESENTED ARE THE EXTREME DAILY AMOUNTS OF PRECIPITATION, SNOWFALL AND SNOW DEPTH BY INDIVIDUAL MONTH AND YEAR.

ALSO PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

AN ASTERISK "\*" PRINTED IN THE TABLES INDICATES THAT THE EXTREME VALUE FOR THAT YEAR AND MONTH DERIVES FROM AN INCOMPLETE MONTH (AT LEAST ONE DAY OF THE MONTH IS MISSING).

WHEN A MONTH HAS VALID OBSERVATIONS REPORTED BUT NO OCCURRENCES, ZEROS ARE DISPLAYED IN THE TABLES:

EXTREME DAILY PRECIPITATION: ".00" EQUALS NONE FOR THE MONTH (HUNDREDTHS)

EXTREME DAILY SNOWFALL: ".0" EQUALS NONE FOR THE MONTH (TENTHS)

EXTREME DAILY SNOW DEPTH: "0" EQUALS NONE FOR THE MONTH (WHOLE INCHES)

TOTAL MONTHLY AMOUNTS OF PRECIPITATION AND SNOWFALL SUMMARIES:

DATA DERIVED FROM SUMMARY OF DAY DATA.

DATA PRESENTED BY YEAR AND MONTH.

ALSO PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

AN ASTERISK "\*" IN THE TABLES INDICATES THAT ONE OR MORE DAYS WERE MISSING FOR THE MONTH.

NO OCCURRENCES FOR THE MONTH ARE INDICATED BY ZEROS.

IF THE AMOUNT IS A TRACE, THEN "TRACE" IS PRINTED IN THE TABLES.

STATISTICAL VALUES DO NOT INCLUDE MEASUREMENTS FROM INCOMPLETE MONTHS.

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 45-87

AMOUNTS IN INCHES

MONTH	NONE	TRACE	.01	.02	.06	.11	.26	.51	1.01	2.51	5.01	10.01	OVER 20.00	% DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS		
				TO .05	TO .10	TO .25	TO .50	TO 1.00	TO 2.50	TO 5.00	TO 10.00	TO 20.00				MEAN	GREATEST	LEAST
JAN	53.1	12.2	2.0	5.5	4.9	9.1	6.7	4.3	2.2					34.6	1302	3.47	7.71	.26
FEB	52.0	14.0	2.7	6.5	4.5	6.6	5.5	6.3	1.7	.1				34.0	1214	3.09	5.78	.82
MAR	50.9	15.0	2.8	6.2	5.0	5.2	6.5	5.2	3.1	.1				34.1	1330	3.77	7.34	.62
APR	50.7	13.9	3.4	6.5	3.9	8.0	6.1	5.0	2.3	.2				35.3	1269	3.44	7.95	.82
MAY	50.0	16.9	2.9	7.2	4.4	6.3	4.8	5.0	2.1	.3				33.1	1307	3.45	11.51	.36
JUN	57.5	13.2	3.3	6.0	3.3	5.5	4.9	4.3	2.0					29.3	1290	2.68	6.36	.10
JUL	59.7	12.4	2.4	5.2	2.0	5.6	4.9	4.6	2.7	.6	.1			27.9	1333	3.97	13.09	.51
AUG	62.0	10.7	1.4	4.4	3.2	5.2	5.2	4.1	3.1	.8	.1			27.4	1333	4.35	11.98	.44
SEP	63.6	11.9	1.9	4.7	3.8	5.0	3.6	3.1	2.0	.4				24.6	1290	2.68	6.27	.41
OCT	65.9	11.0	1.6	5.3	2.4	4.2	3.5	2.9	3.0	.1				23.0	1333	2.84	6.78	.15
NOV	56.7	12.2	2.2	5.7	3.8	6.0	4.9	5.2	3.1	.3				31.2	1290	3.69	9.65	.68
DEC	53.5	15.1	2.9	5.0	4.0	6.2	4.7	6.1	2.6					31.4	1332	3.43	7.33	.62
ANN	56.3	13.2	2.5	5.7	3.8	6.1	5.1	4.7	2.5	.2	.6			30.5	15623	40.86		

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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF PRECIPITATION  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 45-87

YEAR	24 HOUR AMOUNTS IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
45		1.11	.28	.56	.83	.38	1.04	.86	.89	.52	1.08	.98	
46	.37	.34	1.76	*.45	*.35	.70	1.11	.64	.55	.71	.34	.38	1.76
47	1.00	.61	*.61	.58	.85	.63	1.12	1.37	.37	.43	.87	1.10	1.37
48	2.28	.40	*.76	1.26	2.95	1.08	.88	4.97	.72	1.74	1.50	1.43	4.97
49	1.56	1.19	1.03	.89	.80	.11	.83	4.15	.56	1.65	1.55	.53	4.15
50	.60	.66	.82	.53	.57	.70	.44	1.12	1.75	.79	3.43	.75	3.43
51	.64	1.31	1.47	.81	1.37	1.42	1.29	.32	2.40	1.26	1.93	1.82	2.40
52	.90	.90	1.01	3.36	1.39	.51	1.18	3.21	.82	.34	1.85	1.75	3.36
53	1.48	1.95	1.76	.95	1.54	1.05	2.06	3.92	.35	1.76	2.12	1.84	3.92
54	.50	.88	.71	1.61	.75	.06	1.07	2.20	2.94	.83	1.86	1.41	2.94
55	.18	.89	.68	.64	.28	2.42	1.49	2.18	.47	2.50	.70	.58	2.50
56	.41	.83	1.13	.61	.54	1.00	2.97	.99	.87	2.56	1.01	1.00	2.97
57	.59	.62	1.91	1.54	.27	.63	.82	.55	1.03	.85	.86	*1.27	1.91
58	1.62	2.15	1.32	.99	.90	1.15	3.63	4.33	2.37	2.49	1.04	1.28	4.33
59	.42	.69	1.10	.94	4.15	.76	6.46	1.17	.92	1.43	2.83	.97	6.46
60	.91	1.88	1.08	.69	.64	.33	2.31	.65	3.06	1.18	.69	1.02	3.06
61	1.89	1.08	1.67	1.43	.94	1.16	1.24	.59	1.59	1.36	1.03	.94	1.89
62	2.47	1.03	2.22	1.34	.91	1.11	.47	2.81	1.86	.68	1.37	1.35	2.81
63	.71	1.26	1.07	.90	1.94	1.52	1.46	.83	1.91	.10	1.93	.90	1.94
64	1.74	.81	1.60	1.79	1.29	.54	2.04	1.00	1.76	.94	.64	1.12	2.04
65	1.09	1.10	1.06	.51	.82	.26	1.47	.72	.50	.64	.32	.62	1.47
66	.98	2.58	.23	.64	.83	1.28	1.01	6.40	2.63	2.03	.76	1.41	6.40
67	.76	.75	1.45	1.12	2.41	1.02	.71	4.96	.55	1.64	.86	1.37	4.96
68	2.17	.82	1.68	1.13	2.10	1.21	.73	1.47	.19	1.12	.78	1.50	2.17
69	.88	.93	1.17	1.24	1.26	.47	4.60	.69	1.10	1.32	1.33	1.70	4.60
70	.32	.84	.62	1.15	.52	1.55	1.10	1.21	.36	1.12	1.80	1.46	1.80
71	1.05	1.90	.40	.44	.78	.50	1.32	3.07	2.58	1.69	1.62	1.46	3.07
72	.77	1.04	1.17	1.05	.75	1.76	1.55	.28	1.06	1.84	2.85	1.17	2.85
73	.88	2.17	1.19	1.11	.74	1.09	.97	.59	3.86	1.90	.56	1.79	3.86
74	.65	.91	1.40	.71	1.15	1.25	.80	1.89	.72	1.69	.50	1.90	1.90

NOTE \* (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF PRECIPITATION  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 45-87

YEAR	24 HOUR AMOUNTS IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	-M-O-N-T-H-S- JUN JUL		AUG	SEP	OCT	NOV	DEC	
75	1.17	.83	.85	1.25	1.95	1.84	1.27	2.55	1.30	.53	.96	1.05	2.55
76	1.22	1.00	.50	.37	1.47	.59	.80	2.46	1.03	2.20	.51	1.30	2.46
77	2.34	.78	1.50	.93	.25	1.00	.62	1.80	1.06	1.37	2.01	.86	2.34
78	1.66	.74	1.42	.65	3.21	.81	3.83	1.17	1.04	.48	.83	1.01	3.83
79	1.29	2.15	2.66	.70	.71	.93	4.44	1.06	1.17	.89	1.17	.60	4.44
80	.61	.40	1.07	1.84	.79	1.17	1.26	1.24	1.22	.85	1.12	.31	1.84
81	.31	.84	.69	1.35	1.52	1.84	.70	1.16	.69	1.30	.55	1.10	1.84
82	1.39	.60	.83	.82	.95	1.22	1.12	.53	.47	.82	1.56	.85	1.56
83	1.00	1.20	1.39	1.99	.96	.96	.32	1.20	1.00	.99	2.40	1.65	2.40
84	.69	1.13	2.25	.83	3.07	.42	1.33	.80	.75	.50	1.45	.55	3.07
85	.46	.62	.48	.36	1.25	.51	1.14	1.58	.95	.70	1.05	.27	1.58
86	1.95	.72	1.66	2.94	.40	1.10	2.08	1.42	.65	1.59	1.38	1.31	2.94
87	1.74	.63	.76	2.50	.86	.62	3.20	1.67	.98	1.22	.65	.60	3.20
MEAN	1.092	1.057	1.196	1.120	1.230	.946	1.634	1.809	1.234	1.222	1.294	1.119	3.035
S.D.	.611	.526	.545	.654	.859	.499	1.284	1.440	.843	.617	.713	.443	1.224
TOTAL OBS	1302	1214	1330	1269	1307	1290	1333	1333	1290	1333	1290	1332	15623

NOTE \* (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

MONTHLY PRECIPITATION  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 45-87

TOTAL MONTHLY PRECIPITATION IN INCHES													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
45		2.53	.62	1.24	1.85	1.98	4.55	3.99	1.83	1.25	3.83	4.10	
46	2.04	1.46	3.29	4.82	4.36	2.59	1.56	2.81	1.21	.92	.72	.71	*18.49
47	3.62	1.54	*1.20	2.11	3.48	1.64	3.68	2.18	.69	.70	3.43	2.37	*26.94
48	7.71	2.49	*3.45	3.00	11.51	4.81	3.86	11.02	1.09	3.32	6.97	6.57	*65.80
49	6.18	4.93	3.04	2.43	3.08	.28	2.36	8.91	1.86	3.66	2.27	2.32	41.32
50	2.01	3.46	3.57	1.76	3.08	2.91	1.89	1.73	4.31	1.54	5.59	3.22	35.07
51	2.27	2.85	3.74	2.17	3.50	5.73	3.28	1.36	3.75	3.26	5.04	5.53	42.48
52	5.59	2.06	5.65	7.95	6.63	1.57	3.65	7.31	1.36	.60	6.05	4.66	53.08
53	5.41	4.05	7.34	4.69	7.89	3.08	3.17	5.29	.46	3.27	5.84	3.79	54.28
54	1.76	1.49	3.04	3.40	2.82	.10	2.73	4.67	4.53	1.64	4.72	4.24	35.14
55	.26	2.78	3.76	2.24	.74	4.42	1.79	5.52	1.75	4.64	1.93	.62	29.95
56	2.06	4.12	4.02	2.18	2.50	4.92	6.33	4.10	3.30	6.78	3.25	4.00	47.56
57	2.91	3.06	4.00	5.27	.40	2.73	1.30	2.00	3.00	1.73	4.18	*5.69	*36.27
58	4.67	5.78	5.44	4.19	4.38	3.08	10.92	9.48	3.71	6.11	2.71	2.64	63.11
59	1.59	1.86	3.84	3.33	5.03	1.29	13.09	3.57	1.48	4.37	5.15	3.15	47.75
60	2.69	5.71	3.67	2.34	2.21	.77	5.84	2.36	4.03	3.08	1.74	3.46	37.90
61	4.06	4.52	6.36	3.12	3.17	3.00	3.40	1.73	3.36	4.73	2.83	3.38	43.66
62	4.21	3.47	5.42	3.50	1.77	4.20	1.72	5.29	3.09	2.04	4.88	3.84	43.43
63	2.94	2.50	5.21	1.39	2.95	3.07	2.60	2.93	4.35	.15	6.46	2.35	36.90
64	6.35	4.32	2.80	7.59	1.46	.84	2.79	1.63	5.91	2.67	1.18	3.47	41.01
65	3.58	2.44	3.75	2.00	2.59	1.24	2.61	2.40	1.60	1.18	.79	1.09	25.27
66	3.45	5.17	.70	2.58	3.17	1.87	2.59	9.04	6.27	3.73	1.91	4.81	45.29
67	1.16	3.24	3.78	2.76	3.68	1.37	4.19	11.98	1.50	2.86	1.72	5.57	43.81
68	2.77	1.69	4.99	1.50	5.55	2.86	1.75	2.20	.43	2.73	3.10	3.89	33.46
69	1.68	2.38	3.19	3.55	1.68	1.42	12.64	2.56	1.65	2.09	4.28	7.33	44.45
70	1.50	3.08	3.11	4.66	1.81	6.36	2.83	2.70	.41	3.73	5.73	3.04	38.96
71	2.67	5.26	1.64	1.29	1.88	.69	3.65	10.40	4.39	4.20	5.02	2.08	43.17
72	2.93	4.31	3.59	4.62	3.51	4.82	2.81	.44	3.66	5.11	9.65	3.63	49.08
73	3.26	3.63	3.08	4.39	3.08	4.32	3.28	2.05	4.73	2.74	1.43	5.48	41.47
74	3.47	2.40	4.62	2.66	2.61	2.52	1.99	5.50	2.95	1.90	1.08	4.76	36.46

NOTE \* (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

MONTHLY PRECIPITATION  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 45-87

TOTAL MONTHLY PRECIPITATION IN INCHES													
YEAR	JAN	FEB	MAR	APR	MAY	-M-O-N-T-H-S-		AUG	SEP	OCT	NOV	DEC	ALL MONTHS
						JUN	JUL						
75	5.94	3.08	3.84	3.90	5.44	3.86	6.02	5.01	5.16	1.76	3.76	2.53	50.30
76	4.52	2.70	1.39	.84	3.61	.97	2.23	4.70	3.06	6.60	.68	2.52	33.82
77	3.45	1.41	3.42	2.13	.64	1.53	2.79	6.49	2.97	4.19	4.75	4.69	34.46
78	5.70	1.11	5.17	1.53	6.71	3.00	5.77	6.82	1.51	1.21	2.96	3.52	45.01
79	7.13	5.76	3.62	2.98	2.80	3.15	7.63	4.11	3.32	2.19	3.23	2.19	48.11
80	2.63	.82	6.38	5.40	1.61	3.58	2.47	2.63	1.74	3.20	3.63	.75	34.84
81	.56	3.72	1.41	6.20	3.18	4.91	1.28	3.25	1.96	2.96	1.12	3.94	34.49
82	4.11	2.06	2.70	3.85	2.42	3.03	3.62	1.63	1.34	1.14	4.17	2.85	32.92
83	2.46	3.32	5.85	7.45	5.21	3.01	.51	2.90	2.22	3.48	6.70	5.06	48.17
84	2.41	3.70	5.92	4.84	6.58	1.62	4.35	2.44	1.31	1.46	3.02	1.79	39.44
85	2.07	1.71	2.38	1.02	5.04	1.55	4.36	3.94	2.26	.90	3.81	.93	29.97
86	3.73	3.42	1.88	4.57	.54	2.41	4.50	3.35	2.39	3.90	5.04	4.85	40.58
87	6.23	1.54	3.36	5.83	2.96	2.10	6.12	2.64	3.51	2.56	2.27	2.19	41.31
MEAN	3.470	3.091	3.770	3.439	3.446	2.679	2.965	4.350	2.679	2.844	3.689	3.426	41.355
S.O.	1.785	1.331	1.551	1.814	2.173	1.501	2.761	2.840	1.487	1.604	1.986	1.563	7.531
TOTAL OBS	1302	1214	1330	1269	1307	1290	1333	1333	1290	1333	1290	1332	15623

NOTE \* (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 45-87

MONTH	AMOUNTS IN INCHES														% DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS		
	NONE	TRACE	G.1 TO 0.4	0.5 TO 1.4	1.5 TO 2.4	2.5 TO 3.4	3.5 TO 4.4	4.5 TO 6.4	6.5 TO 10.4	10.5 TO 15.4	15.5 TO 25.4	25.5 TO 50.4	OVER 50.4	MEAN			GREATEST	LEAST	
JAN	77.6	11.7	2.7	3.8	1.9	.8	.5	.5	.2	.2				10.7	1302	5.7	20.3	.0	
FEB	78.3	11.0	3.8	3.5	1.4	.5	.6	.6	.4	.2	.1			11.1	1212	5.9	35.2	.0	
MAR	86.4	9.2	1.7	1.1	.7	.2	.2	.2	.2	.1				4.4	1332	2.5	17.6	.0	
APR	97.2	2.0	.2	.2	.2	.1								.8	1269	.3	3.2	.0	
MAY	100.0														1307	.0	.0	.0	
JUN	100.0														1290	.0	.0	.0	
JUL	100.0														1333	.0	.0	.0	
AUG	100.0														1333	.0	.0	.0	
SEP	100.0														1290	.0	.0	.0	
OCT	99.5	.5													1333	TRACE	TRACE	.0	
NOV	96.3	2.9	.3	.2	.2	.1			.1					.8	1290	.4	7.8	.0	
DEC	86.4	8.8	2.1	1.4	.4	.2	.2	.5	.1					4.8	1332	2.1	10.4	.0	
ANN	93.4	3.8	.9	.8	.4	.2	.1	.1	.1	.0	.0			2.7	15623	16.9			

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOWFALL  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY JAP NJ

PERIOD OF RECORD: 45-87

YEAR	24 HOUR AMOUNTS IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
45		3.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.7	1.0	
46	4.0	3.1	.0	4.0	4.0	.0	.0	.0	.0	.0	.0	.1	4.0
47	1.0	41.9	.1	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	41.9
48	5.0	4.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.5	5.0
49	.5	3.5	.5	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.0	3.5
50	1.0	TRACE	.2	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	1.0
51	1.0	.8	.1	.0	.0	.0	.0	.0	.0	.0	TRACE	4.5	4.5
52	1.4	TRACE	8.4	.0	.0	.0	.0	.0	.0	.0	1.6	TRACE	8.4
53	2.8	2.3	7.0	.0	.0	.0	.0	.0	.0	.0	3.2	TRACE	7.0
54	5.0	TRACE	1.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.1	5.0
55	.5	4.5	.9	.0	.0	.0	.0	.0	.0	.0	.4	.1	4.5
56	2.6	.5	6.0	2.4	.0	.0	.0	.0	.0	.0	TRACE	.7	6.0
57	4.0	.1	TRACE	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	4.1	4.0
58	7.4	9.7	5.0	TRACE	.0	.0	.0	.0	.0	.0	.0	2.8	9.0
59	2.5	TRACE	TRACE	1.8	.0	.0	.0	.0	.0	.0	TRACE	1.2	2.5
60	.4	2.2	9.2	TRACE	.0	.0	.0	.0	.0	TRACE	.0	1.2	9.2
61	4.0	4.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.6	4.0
62	5.3	2.4	3.6	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	3.6	5.3
63	1.9	.2	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.0	6.0
64	12.9	5.3	2.4	TRACE	.0	.0	.0	.0	.0	.0	TRACE	1.0	12.9
65	5.0	1.5	1.6	3.2	.0	.0	.0	.0	.0	.0	.0	.0	5.0
66	5.3	3.6	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.4	6.4
67	.9	11.1	.8	TRACE	.0	.0	.0	.0	.0	.0	7.8	2.1	11.1
68	.5	2.5	1.7	.0	.0	.0	.0	.0	.0	.0	TRACE	4.3	4.3
69	.5	5.1	11.5	.0	.0	.0	.0	.0	.0	.0	TRACE	.3	11.5
70	3.4	2.6	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.2	3.4
71	3.0	1.7	.9	TRACE	.0	.0	.0	.0	.0	.0	.0	.1	3.0
72	2.2	2.4	TRACE	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE	2.4
73	.0	.4	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.1	TRACE	.4
74	.4	8.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.2	TRACE	8.3

NOTE \* (BASED ON LESS THAN FULL MONTHS)

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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOWFALL  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 45-87

24 HOUR AMOUNTS IN INCHES													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
75	1.7	1.0	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.6	2.0
76	1.6	.7	1.2	.0	.0	.0	.0	.0	.0	.0	TRACE	2.4	3.2
77	2.9	.5	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	2.9
78	1.2	11.5	4.0	TRACE	.0	.0	.0	.0	.0	.0	1.2	TRACE	11.5
79	7.3	16.6	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.0	4.6	16.6
80	4.1	.5	1.6	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	.1	4.1
81	1.8	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.8
82	3.7	2.4	TRACE	2.0	.0	.0	.0	.0	.0	.0	.0	6.7	6.7
83	TRACE	11.8	TRACE	.4	.0	.0	.0	.0	.0	.0	.1	.4	11.8
84	1.7	TRACE	2.1	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	2.1
85	4.6	.0	TRACE	1.3	.0	.0	.0	.0	.0	.0	.0	4.2	4.6
86	2.0	2.8	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	2.8
87	14.3	6.5	.9	.7	.0	.0	.0	.0	.0	.0	TRACE	TRACE	14.3
MEAN	3.22	3.25	1.78	.28	.00	.00	.00	.00	.00	TRACE	.36	1.60	6.13
S.D.	3.140	3.882	2.436	.737	.000	.000	.000	.000	.000	.000	1.294	2.227	3.959
TOTAL OBS	1302	1212	1332	1269	1307	1290	1333	1333	1290	1333	1290	1332	15623

NOTE \* (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

MONTHLY SNOWFALL  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 45-87

TOTAL MONTHLY SNOWFALL IN INCHES													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
45		5.2	TRACE	.0	.0	.0	.0	.0	.0	.0	.7	10.4	
46	4.0	2.0	.0	*.0	*.0	.0	.0	.0	.0	.0	.0	.1	*6.1
47	1.0	*2.2	.1	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	*3.3
48	9.5	9.1	*TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.2	*19.8
49	.6	3.9	.5	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.0	5.0
50	1.0	TRACE	.2	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	1.2
51	1.2	1.9	.1	.0	.0	.0	.0	.0	.0	.0	TRACE	4.6	7.8
52	2.0	TRACE	9.5	.0	.0	.0	.0	.0	.0	.0	1.6	TRACE	13.1
53	3.8	2.3	7.0	.0	.0	.0	.0	.0	.0	.0	5.2	TRACE	18.3
54	8.4	TRACE	1.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.1	9.5
55	.8	6.7	.9	.0	.0	.0	.0	.0	.0	.0	.4	.2	9.0
56	4.8	.5	12.7	2.9	.0	.0	.0	.0	.0	.0	TRACE	.7	21.6
57	9.2	.1	TRACE	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	*3.4	*12.7
58	8.7	19.0	5.3	TRACE	.0	.0	.0	.0	.0	.0	.0	5.1	38.1
59	2.7	TRACE	TRACE	2.0	.0	.0	.0	.0	.0	.0	TRACE	1.5	6.2
60	.6	3.6	13.4	TRACE	.0	.0	.0	.0	.0	TRACE	.0	8.6	26.2
61	15.9	7.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.0	24.7
62	7.1	4.6	3.9	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	5.1	20.7
63	4.4	.3	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	7.6	12.3
64	15.1	12.0	3.4	TRACE	.0	.0	.0	.0	.0	.0	TRACE	1.0	31.5
65	8.2	3.3	2.8	3.2	.0	.0	.0	.0	.0	.0	.0	.0	17.5
66	15.1	8.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	8.5	31.6
67	1.1	35.2	2.1	TRACE	.0	.0	.0	.0	.0	.0	7.8	3.9	50.1
68	.8	4.2	1.8	.0	.0	.0	.0	.0	.0	.0	TRACE	4.3	11.1
69	.0	7.0	17.6	.0	.0	.0	.0	.0	.0	.0	TRACE	.6	25.7
70	10.3	5.9	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.4	17.6
71	7.2	1.9	.9	TRACE	.0	.0	.0	.0	.0	.0	.0	.1	10.1
72	2.9	5.9	TRACE	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE	8.8
73	.0	.4	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.1	TRACE	.5
74	.4	9.9	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.2	TRACE	10.5

NOTE \* (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

MONTHLY SNOWFALL  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 724073 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 45-87

TOTAL MONTHLY SNOWFALL IN INCHES													
YEAR	-M-O-N-T-H-S-												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
75	3.3	1.6	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.8	7.7
76	4.9	1.0	3.3	.0	.0	.0	.0	.0	.0	.0	TRACE	4.0	13.2
77	7.8	.5	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	8.3
78	2.4	14.6	8.1	TRACE	.0	.0	.0	.0	.0	.0	1.2	TRACE	26.3
79	14.2	27.7	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.0	4.8	46.7
80	6.3	.8	2.6	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	.1	9.8
81	3.2	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.6	3.8
82	7.8	4.4	TRACE	2.0	.0	.0	.0	.0	.0	.0	.0	6.7	20.9
83	TRACE	14.9	TRACE	.7	.0	.0	.0	.0	.0	.0	.1	.4	16.1
84	3.8	TRACE	4.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	7.8
85	15.1	.0	TRACE	1.3	.0	.0	.0	.0	.0	.0	.0	4.2	20.6
86	3.9	9.6	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	13.5
87	20.3	10.7	1.6	.7	.0	.0	.0	.0	.0	.0	TRACE	TRACE	33.3
MEAN	5.72	5.86	2.50	.30	.00	.00	.00	.00	.00	TRACE	.40	2.09	17.28
S.D.	5.212	7.523	4.151	.787	.000	.000	.000	.000	.000	.000	1.428	2.912	11.852
TOTAL OBS	1302	1212	1332	1269	1307	1290	1333	1333	1290	1333	1290	1332	15623

NOTE \* (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 45-87

MONTH	AMOUNTS IN INCHES														% DAYS WITH MEAS AMTS	TOTAL OBS	MONTHLY AMOUNTS		
	NONE	TRACE	1	2	3	4 TO 6	7 TO 12	13 TO 24	25 TO 36	37 TO 48	49 TO 60	61 TO 120	OVER 120	MEAN			GREATEST	LEAST	
JAN	74.4	10.1	6.3	2.9	1.2	3.3	1.5	.3							15.5	1302			
FEB	73.3	10.5	4.9	3.4	1.2	4.4	1.9	.5							16.2	1214			
MAR	90.8	4.4	1.5	1.4	.5	.9	.5								4.7	1332			
APR	99.1	.6	.2	.1											.2	1269			
MAY	100.0															1306			
JUN	100.0															1290			
JUL	100.0															1333			
AUG	100.0															1333			
SEP	100.0															1290			
OCT	100.0															1333			
NOV	99.1	.6	.2												.2	1290			
DEC	89.4	5.8	1.4	.6	1.2	1.5	.2								4.8	1333			
ANN	93.8	2.7	1.2	.7	.3	.8	.3	.1							3.5	15625			

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOW DEPTH  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 45-87

YEAR	DAILY SNOW DEPTH IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	-N-O-N-T-H-S-		AUG	SEP	OCT	NOV	DEC	
						JUN	JUL						
45		3	0	0	0	0	0	0	0	0	TRACE	6	
46	4	2	0	*0	*0	0	0	0	0	0	0	0	4
47	0	10	0	0	0	0	0	0	0	0	0	TRACE	10
48	7	5	*0	0	0	0	0	0	0	0	0	TRACE	7
49	TRACE	4	TRACE	0	0	0	0	0	0	0	0	0	4
50	1	TRACE	0	0	0	0	0	0	0	0	TRACE	0	1
51	0	1	0	0	0	0	0	0	0	0	TRACE	TRACE	1
52	TRACE	0	8	0	0	0	0	0	0	0	1	TRACE	8
53	1	2	4	0	0	0	0	0	0	0	1	TRACE	4
54	5	TRACE	0	TRACE	0	0	0	0	0	0	0	TRACE	5
55	1	4	TRACE	0	0	0	0	0	0	0	TRACE	0	4
56	3	1	9	TRACE	0	0	0	0	0	0	0	TRACE	9
57	2	TRACE	TRACE	TRACE	0	0	0	0	0	0	TRACE	2	2
58	7	9	5	0	0	0	0	0	0	0	0	4	9
59	1	0	TRACE	1	0	0	0	0	0	0	0	TRACE	1
60	0	1	7	0	0	0	0	0	0	0	0	7	7
61	10	5	TRACE	0	0	0	0	0	0	0	0	TRACE	10
62	6	2	2	0	0	0	0	0	0	0	0	TRACE	6
63	2	1	0	0	0	0	0	0	0	0	0	3	3
64	8	5	2	0	0	0	0	0	0	0	0	1	8
65	6	1	1	2	0	0	0	0	0	0	0	0	6
66	9	11	0	0	0	0	0	0	0	0	0	6	11
67	1	17	TRACE	0	0	0	0	0	0	0	0	6	17
68	1	1	4	0	0	0	0	0	0	0	0	4	4
69	TRACE	2	11	0	0	0	0	0	0	0	0	TRACE	11
70	5	2	0	0	0	0	0	0	0	0	0	TRACE	5
71	3	1	TRACE	0	0	0	0	0	0	0	0	TRACE	3
72	3	2	0	TRACE	0	0	0	0	0	0	0	0	3
73	0	TRACE	0	0	0	0	0	0	0	0	0	TRACE	TRACE
74	TRACE	8	0	0	0	0	0	0	0	0	TRACE	0	8

NOTE \* (BASED ON LESS THAN FULL MONTHS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SNOW DEPTH  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 45-87

YEAR	DAILY SNOW DEPTH IN INCHES												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	-M-O-N-T-H-S-		AUG	SEP	OCT	NOV	DEC	
						JUN	JUL						
75	2	TRACE	TRACE	0	0	0	0	0	0	0	0	1	2
76	2	TRACE	3	0	0	0	0	0	0	0	0	3	3
77	3	0	0	0	0	0	0	0	0	0	0	0	3
78	1	13	2	0	0	0	0	0	0	0	1	0	13
79	7	23	0	0	0	0	0	0	0	0	0	4	23
80	4	1	3	0	0	0	0	0	0	0	0	TRACE	4
81	1	0	TRACE	0	0	0	0	0	0	0	0	TRACE	1
82	5	2	0	1	0	0	0	0	0	0	0	7	7
83	TRACE	12	TRACE	TRACE	0	0	0	0	0	0	0	TRACE	12
84	2	0	2	0	0	0	0	0	0	0	0	0	2
85	4	1	0	0	0	0	0	0	0	0	0	4	4
86	2	4	TRACE	TRACE	0	0	0	0	0	0	0	TRACE	4
87	19	6	1	0	0	0	0	0	0	0	0	0	19
MEAN	3.3	3.8	1.5	.1	.0	.0	.0	.0	.0	.0	.1	1.3	6.4
S.D.	3.704	5.098	2.752	.370	.000	.000	.000	.000	.000	.000	.258	2.267	5.139
TOTAL OBS	1302	1214	1332	1269	1306	1290	1333	1333	1290	1333	1290	1333	15625

NOTE \* (BASED ON LESS THAN FULL MONTHS)

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SURFACE WIND SUMMARIES

EXTREME VALUES OF PEAK WINDS:

DATA DERIVED FROM SUMMARY OF DAY DATA.

VALUES PRESENTED BY INDIVIDUAL MONTH AND YEAR WITH ALL YEARS COMBINED.

SPEEDS PRESENTED IN KNOTS.

DIRECTIONS PRESENTED IN 16 COMPASS POINTS FROM BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968. COMMENCING JULY 1968 DIRECTIONS PRESENTED IN TENS OF DEGREES.

AN ASTERISK "\*" IN THE TABLES INDICATES THAT THE VALUE IS BASED ON AN INCOMPLETE MONTH OF THREE OR MORE MISSING DAYS.

MEANS AND STANDARD DEVIATIONS PRESENTED DO NOT INCLUDE INCOMPLETE MONTHS. FOUR OR MORE MONTHS ARE NEEDED TO COMPUTE THESE STATISTICS AND INCOMPLETE MONTHS ARE NOT INCLUDED.

TABLES ALSO INCLUDE THE OBSERVATION COUNTS.

BIVARIATE PERCENTAGE FREQUENCY TABULATIONS OF SURFACE WINDS:

DATA DERIVED FROM HOURLY DATA.

PRESENTED ARE THE PERCENTAGE FREQUENCY OF WIND DIRECTION TO 16 COMPASS POINTS, CALM AND VARIABLE VERSUS WIND SPEED IN KNOTS IN INCREMENTS OF BEAUFORT CLASSIFICATIONS.

PERCENTAGES ARE SHOWN BY BOTH DIRECTIONS AND SPEED, AND IN ADDITION THE MEAN WIND SPEED IS GIVEN FOR EACH DIRECTION.

DATA PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

A SEPARATE ANNUAL TABLE PRESENTS THE SAME BIVARIATE DISTRIBUTIONS WITH IMPOSED CEILING/VISIBILITY LIMITATIONS: WHEN VISIBILITIES EQUAL TO OR GREATER THAN 1/2 MILES, THE CEILINGS ARE 200 TO 1400 FEET AND/OR WHEN THE CEILING IS EQUAL TO OR GREATER THAN 200 FEET, THE VISIBILITIES ARE 1/2 THROUGH 2 1/2 MILES.

A PERCENTAGE VALUE OF ".0" IN THESE TABLES INDICATES ONE OR MORE OCCURRENCES AMOUNTING TO LESS THAN .05%.

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SURFACE WINDS  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 45-87

YEAR	DAILY PEAK GUSTS IN KNOTS												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
45		NW 48	W 43	NNW 57	NW 59	SW 65	SW 41	W 34	ENE 45	SW 43	SSW 54	NW 50	
46	NW 45	W 60	NNW 52	NW *48	ENE*33	N 54	S 38	N 32	NW 41	NNW 47	W 44	W 59	W 60
47	NNW 52	NNW 56	W 60	SSW 48	S 40	S 34	W 30	N 24	WSW 38	NNW 34	NW 49	NW 42	W 60
48	NNW 46	NW 46	SSW 46	NW 58	NW 43	NW 45	SSW 51	NW 34	NNW 41	N 52	S 43	NNW 48	NW 58
49	NNW 45	NNW 50	NW *49	W *45	NW 35	W 31	SW 36	WSW 35	NW 29	NE 33	NW 38	NW 36	NNW 50
50	NW 44	NW 42	W 46	NNW 36	W 32	WSW 30	WSW 36	WSW 30	NNW 29	W 38	ESE 60	NW 38	ESE 60
51	W 50	NW 47	ENE 46	SW 41	ENE 34	W 40	NNW 35	NE 31	NNW 30	SSW 34	SW 45	NW 51	NW 51
52	NW 50	NW 56	SSE 61	WSW 39	W 52	WSW 44	SSE 30	S 39	SSE 48	NW 52	NNW 42	NW 39	SSE 61
53	NNW 46	W 53	NW 51	NW 48	N 50	SW 48	W 38	NNE 47	S 37	NNW 44	NW 58	NNW 52	NW 58
54	NNW 52	NNW 44	SSE 51	NW 49	NNW 39	NNW 45	NNW 58	NW 55	NNW 53	S 67	NNW 58	ENE 42	S 67
55	NW 56	NW 48	NNW 55	NW 43	NNW 39	NNE 40	S 37	S 55	N 33	NNW 58	NNW 51	NW 46	NNW 58
56	NW 57	NNW 60	NNW 50	NNW 48	NNW 44	SSE 30	S 33	N 40	NNW 52	NE 34	SSW 48	NNW 42	NNW 60
57	NW 47	NNW 40	NW 42	NW 48	WSW 33	NNW 54	NNW 33	NNW 39	N 33	ENE 48	S 44	N 48	NNW 54
58	NNW 45	N 51	NW 45	ENE 48	N 38	W *38		W *33	N 28	N 35	SSE 45	W 40	
59	NNW 50	NW 45	W 50	S 42	NE 36	NW 40	N 36	NE 30	N 29	SE 50	NW 38	W 49	NNW 50
60	S 45	W 56	E 48	W 44	W 31	W 35	ENE 48	E 28	NNW 72	W 46	SW 37	N 62	NNW 72
61	NW 47	E 52	E 49	E 47	NW 33	W 45	SE 22	W 24	NNW 60	N 39	NW 43	NNW 51	NW 60
62	NW 44	W 37	E 50	S 43	W 32	SW 32	W 45	NW 29	NE 32	W 34	SW 44	NW 56	NW 56
63	W 46	NE 43	W 46	W 47	E 28	E 33	S 38	NNW 39	S 35	NW 41	E 50	NW 33	E 50
64	E 47	E 50	W 50	SW 50	W 37	NW 43	SW 30	W 29	W 30	NW 31	W 37	NW 41	E 50
65	W 42	SW 49	NW 41	NW 46	E 29	E 38	NW 31	NW 34	S 44	S 40	NW 45	NW 36	SW 49
66	W 52	S 46	W 46	E 41	NE 38	W 38	NW 51	SW 39	E 32	NW 35	SW 38	NW 41	W 52
67	W 37	W 46	NW 35	N 35	E 37	S 25	SW 32	NW 27	NE 39	S 40	NW 40	E 40	W 46
68	W 42	W 49	NW 49	NW 39	E 36	N 27	S 57	NW 26	S 25	W 29	NE 60	W 50	NE 60
69	NW 45	W 51	NW 37	SW 45	S 38	S 35	S 38	W 26	N 27	NW 36	NW 35	NW 47	W 51
70	NW 35	S 40	NE 42	S 58	NW 33	W 50	W 42	WSW 35	SW 39	NW 32	S 34	NW 42	S 58
71	W 68	S 47	W 52	NE 52	W 36	W 39	W 36	SE 47	SE 30	E 35	E 52	NW 41	W 68
72	W 46	SE 51	S 43	S 32	NE 40	W 43	S 25	SW 24	NW 27	NW 35	W 45	NW 45	SE 51
73	S 37	S 48	W 59	NE 43	NW 44	NW 36	N 35	SSW 25	NE 36	SE 43	W 46	NE 43	W 59
74	SW 40	S 53	W 48	NW 36	SW 48	NE 33	W 42	E 31	W 40	NW 29	W 38	NE 55	NE 55

NOTES \* (BASED ON LESS THAN FULL MONTHS)  
% (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF SURFACE WINDS  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 45-87

DAILY PEAK GUSTS IN KNOTS													
-M-O-N-T-H-S-													
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
75	NW 47	SW 39	E 38	NW 53	NW 33	S 30	N 34	N 34	NW 27	S 24	W 27	NW 32	NW 53
76	W 38	WNW 50	S 38	S 35	S 36	S 26	W 24	NW 42	E 30	S 49	W 35	SE 44	WNW 50
77	NW 49	W 48	W 51	W 41	W 43	NW 32	S 33	W 42	N 30	NW 48	E 53	W 48	E 53
78	S 60	NW 40	S 49	NW 39	E 37	NW 30	NW 33	W 25	SW 23	W 31	NW 22	W 47	S 60
79	S 44	NW 38	SE 35	W 43	S 35	NW 30	S 31	NW 37	S 44	W 29	W 44	NW 34	S 44
80	S 35	NW 30	NW 39	SE 34	SW 27	W 42	NW 30	NW 42	SW 24	ESE 39	NW 35	W 39	W 42
81	NW 33	SE 40	W 34	W 46	N 28	NW 37	W 31	NE 34	NW 27	W 36	S 32	NW 40	W 46
82	W 37	S 36	S 31	W 49	W 26	NW 25	W 41	SW 28	SSE 26	NE 34	SW 40	S 30	W 49
83	NW 33	NE 45	S 40	SW 37	W 38	SW 26	W 48	NW 25	NE 33	E 33	W 35	SW 40	W 48
84	NW 31	SW 33	NE 48	SE 34	S 33	N 29	SW 31	NW 22	W 43	NE 27	NW 35	W 28	NE 48
85	NW 33	W 43	W 43	W 41	NE 30	NW 40	W 39	SW 29	NW 60	NE 25	E 35	W 40	NW 60
86	NW 32	NW 29	SW 43	E 33	NW 28	W 39	NW 24	NE 34	N 30	NW 33	NW 33	E 41	SW 43
87	N 35	NW 40	S 49	NE 39	NE 32	W 28	NW 32	NW 24	W 26	SW 32	NW 40	NW 35	S 49
MEAN	44.4	45.9	46.0	43.6	36.7	37.2	36.9	33.5	36.2	38.5	42.6	43.3	54.6
S.D.	8.034	7.258	6.859	6.782	6.955	8.924	8.126	8.134	10.831	9.046	8.301	7.511	6.748
TOTAL OBS	1302	1212	1326	1262	1307	1271	1275	1329	1290	1333	1290	1333	15530

NOTES \* (BASED ON LESS THAN FULL MONTHS)  
% (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JAN HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.5	4.8	4.2	1.5							11.1	7.1
NNE	.8	2.0	1.1	.6	.2						4.7	7.0
NE	.2	.8	.1	.5	.1						1.7	8.4
ENE		.1	.5	.3	.1						1.1	10.5
E	.2	.5	.9	1.0	.1						2.7	9.7
ESE	.1	.2	.2	.5							1.1	9.7
SE	.1	.5	.3								1.0	5.7
SSE		.2	.2	.3		.4					1.2	14.5
S	.3	.6	.6	.8	.2						2.6	9.3
SSW	.9	1.5	1.2	.4	.3	.1					4.4	7.6
SW	.4	1.1	.6	1.0							3.1	7.7
WSW	.2	2.4	2.3	1.6	.4						6.9	8.9
W	.6	4.5	6.3	6.0	1.0						18.5	9.4
WNW	.4	2.8	4.0	2.8	.8	.4					11.2	9.7
NW	.4	3.2	3.0	1.4	1.0	.1					9.1	9.0
NNW	.6	4.1	2.4	1.2							8.3	6.8
VARIABLE												
CALM	////////////////////////////////////										11.4	////
TOTALS	5.9	29.5	28.0	20.0	4.2	1.1					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JAN HOURS (LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.8	4.5	4.1	1.4	.1							10.9	7.4
NNE	.5	1.7	.8	.8		.1						3.9	7.4
NE		1.3	.4	.8		.1						2.6	8.6
ENE	.2	.9		.2	.2							1.5	8.1
E	.3	.6	.5	1.0	.3							2.9	10.1
ESE	.4	.4	.2	.3								1.4	7.0
SE	.2	.8	.3	.2								1.5	6.4
SSE	.1	.3	.6	.3	.1	.3		.1				1.9	13.3
S	.4	1.2	.8	.6	.1	.2	.1					3.4	9.4
SSW	.1	.9	.5	.5	.2							2.3	8.7
SW	.1	1.5	1.2	.6								3.4	7.5
WSW	.3	2.8	4.0	1.3	.4							8.8	8.2
W	.3	4.0	4.4	5.5	1.1	.3						15.6	10.2
WNW	.2	3.7	3.5	2.9	.9	.9						12.0	10.0
NW	.5	2.5	3.1	2.0	.5	.2						8.9	9.0
NNW	.2	4.0	3.2	1.6								9.0	7.6
VARIABLE													
CALM	////////////////////											10.0	////
TOTALS	4.8	31.0	27.7	20.1	4.0	2.2	.1	.1				100.0	8.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JAN HOURS(LST): 0600-0600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.5	3.0	4.6	1.3	.1							9.6	7.6
NNE	.4	2.0	1.1	.3								3.9	6.4
NE	.2	1.4	1.0	.3								2.9	7.0
ENE		.8	.2	.1	.1	.1	.2					1.5	11.4
E	.3	.8	.4	1.0	.2							2.7	9.6
ESE		.3	.2	.8	.2							1.5	11.5
SE		.8	.4	.2								1.4	7.2
SSE		.6	.5	.3								1.5	7.9
S		.9	1.4	.6	.2	.1	.1					3.3	10.1
SSW	.4	1.0	1.3	1.2	.5							4.4	9.4
SW	.5	1.7	.8	.8								3.8	6.9
WSW	.1	3.4	3.8	1.4	.3							9.0	8.0
W	.6	3.2	5.7	3.7	2.0							15.3	10.0
WNW	.3	2.4	3.8	3.0	1.1	.4						11.0	10.4
NW		3.1	3.5	1.7	.6	.1						9.1	9.2
NNW	.1	3.8	4.9	1.4								10.2	7.6
VARIABLE													
CALM	////////////////////											8.9	////
TOTALS	3.7	29.1	33.7	18.1	5.5	.8	.3					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JAN HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.1	1.7	6.6	2.2							10.5	8.8
NNE	.2	1.2	2.4	.9							4.6	8.1
NE	.1	1.0	2.4	.2							3.7	7.5
ENE	.1	.5	1.0	.9		.3					2.8	10.6
E		1.0	.6	1.0	.3						2.9	10.5
ESE		.3	.9	.5	.2						1.9	10.3
SE	.2	.5	.2	.2	.3						1.5	8.6
SSE		.1	.4	.4							1.0	9.3
S		.6	1.1	1.6	.4						3.8	11.3
SSW	.1	1.0	1.1	1.6	.5		.1				4.4	10.9
SW	.2	.6	1.6	.5	.2		.1				3.3	10.0
WSW	.2	1.0	3.0	.9	.3		.1				5.5	9.4
W	.3	1.2	4.7	6.6	2.5	1.0	.1				16.3	12.8
WNW	.5	1.1	2.5	4.9	1.2	.8					11.0	12.3
NW	.4	1.2	3.4	6.1	1.4	.2					12.8	11.9
NNW	.4	1.6	3.8	3.7	.5	.1					10.1	10.1
VARIABLE												
CALM	////////////////////////////////////										3.9	////
TOTALS	3.0	14.6	35.6	32.2	8.0	2.4	.4				100.0	10.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JAN HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	1.4	3.1	1.5	.2						6.6	8.6
NNE	.2	.8	1.7	.6	.2						3.5	8.5
NE	.1	.6	1.8	1.0	.2	.1					3.9	10.1
ENE		.5	1.3	1.1							2.9	9.6
E		.2	1.7	1.0	.2						3.1	10.1
ESE		.8	1.2	.4	.3						2.7	9.7
SE		.3	.2	.1							1.6	7.8
SSE		.3	.4	1.2							1.9	11.2
S	.1	.5	1.0	2.7	.4						4.7	11.4
SSW	.1	.6	1.0	1.0	.2	.1					3.0	10.2
SW		.6	1.1	1.6	.3	.2					3.9	11.9
WSW		.4	1.4	1.9	.8		.1				4.6	12.3
W	.1	1.9	4.5	6.9	3.4	.8	.2				17.8	13.0
WNW	.1	.5	1.8	7.4	3.8	1.0	.1				14.7	14.8
NW	.1	1.5	3.4	7.4	1.6	.8					14.8	12.3
NNW	.2	.9	3.4	2.7	.6						7.9	10.7
VARIABLE												
CALM	////////////////////										2.3	////
TOTALS	1.4	12.0	30.1	38.5	12.4	2.9	.4				100.0	11.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JAN HOURS (LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4	1.8	2.7	1.2							6.1	7.7
NNE	.2	.9	1.5	.9							3.4	8.6
NE		.9	1.1	.8							2.7	8.9
ENE		.4	1.8	.9	.1						3.2	9.9
E	.1	1.6	1.3	.6	.2						3.9	8.4
ESE	.2	.9	.8	.4	.1						2.4	7.8
SE		.9	.4	.1							1.4	6.8
SSE		1.0	1.1	.6	.1						2.8	8.7
S	.1	.8	2.6	1.6	.6						5.7	10.4
SSW		.3	1.3	1.2	.1	.1					3.0	10.7
SW		1.1	1.3	.8	.4						3.5	9.7
WSW		1.0	1.0	1.0	.4	.1	.1				3.5	10.9
W	.2	1.8	5.3	7.8	1.6	1.3					18.1	12.2
WNW	.3	1.9	3.7	9.0	2.7	.3					18.0	12.3
NW	.1	2.0	3.2	5.3	1.9	.3					12.9	11.7
NNW	.2	2.2	3.2	1.4	.1	.3					7.4	8.7
VARIABLE												
CALM	////////////////////										1.9	////
TOTALS	1.9	19.4	32.2	33.5	8.5	2.5	.1				100.0	10.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JAN HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.6	2.5	1.9	.9							5.9	6.6
NNE	.1	1.8	1.6	.5							4.1	7.4
NE	.2	1.3	1.7	.3	.3						3.9	8.0
ENE		.6	.2	.2							1.1	6.8
E	.5	1.3	1.2	.6	.1						3.8	7.4
ESE	.2	.6		.1							1.0	5.4
SE	.4	.5		.3		.1					1.4	7.8
SSE	.2	1.1	.1	.2							1.6	5.5
S	.2	1.8	1.2	1.3	.5	.1					5.2	9.4
SSW	.2	2.2	.9	.3		.1					3.7	7.0
SW	.3	3.1	1.0	.4	.2						5.1	6.9
WSW	.3	3.2	.8	.9	.4	.1					5.7	8.2
W	.4	6.3	7.0	5.1	.6	.5	.3				20.3	9.4
WNW	.9	3.7	3.7	5.1	1.4						14.6	9.9
NW	.8	2.5	4.2	2.3	1.1						10.8	9.3
NNW	.2	1.4	1.4	.5	.2						3.8	8.2
VARIABLE												
CALM	////////////////////										8.3	////
TOTALS	5.7	34.0	26.8	19.0	4.9	1.0	.3				100.0	7.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JAN HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.6	2.9	3.1	.9	.1						7.6	7.3
NNE	.4	2.3	1.1	.9	.1						4.7	7.3
NE		1.0	.4	.3	.2	.1					2.0	9.9
ENE	.1	.5	.4	.3							1.4	8.0
E		.8	.6	.4		.1					1.9	8.7
ESE		.2	.3	.1	.2						.9	9.8
SE		.1	.3	.1	.1						.6	10.5
SSE	.1	.3	.4	.2	.1						1.2	8.8
S	.3	.2	1.0	1.1	.4	.3					3.3	12.2
SSW	.5	2.6	.6	.3	.4						4.5	7.0
SW	.6	3.0	.6	.5							4.8	5.8
WSW	.2	3.0	1.5	1.3	.1	.2					6.3	8.2
W	.5	6.1	5.1	4.7	1.2	.5					18.2	9.6
WNW	.2	3.9	3.5	3.3	1.0	.1					12.0	9.6
NW	.6	3.4	2.7	2.5	1.0	.2					10.4	9.4
NNW	.5	3.0	2.3	1.4	.2						7.4	7.8
VARIABLE												
CALM	////////////////////										12.5	////
TOTALS	4.9	33.3	24.1	18.4	5.2	1.6					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JAN HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.5	2.8	3.8	1.3	.1						8.5	7.7
NNE	.4	1.6	1.4	.7	.1	.0					4.1	7.5
NE	.1	1.0	1.1	.5	.1	.0					2.9	8.5
ENE	.1	.6	.7	.5	.1	.1	.0				1.9	9.6
E	.2	.8	.9	.8	.2	.0					3.0	9.2
ESE	.1	.5	.5	.4	.1						1.6	9.0
SE	.1	.6	.4	.2	.1	.0					1.3	7.5
SSE	.1	.5	.5	.5	.0	.1		.0			1.6	9.9
S	.2	.8	1.2	1.3	.4	.1	.0				4.0	10.4
SSW	.3	1.2	1.0	.8	.3	.1	.0				3.7	8.9
SW	.3	1.6	1.0	.8	.1	.0	.0				3.9	8.2
WSW	.2	2.2	2.2	1.3	.4	.1	.0				6.3	8.9
W	.4	3.6	5.4	5.8	1.7	.6	.1				17.5	10.8
WNW	.4	2.5	3.3	4.8	1.6	.5	.0				13.1	11.2
NW	.4	2.4	3.3	3.6	1.1	.2					11.1	10.5
NNW	.3	2.6	3.1	1.7	.2	.1					8.0	8.5
VARIABLE												
CALM	////////////////////										7.4	////
TOTALS	3.9	25.4	29.8	25.0	6.6	1.8	.2	.0			100.0	8.9

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: FEB HOURS (LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	4.3	2.8	.8	.2						8.4	7.4
NNE	.4	1.3	1.0	.5	.1						4.0	7.3
NE	.1	.9	.8	.8	.1						2.8	6.6
ENE	.4	1.1	.8	1.4	.6						4.3	10.4
E	.1	.9	.9	.9	.5						3.4	9.7
ESE	.1	.9	.7	.2							2.0	6.4
SE	.2	.6	.4	.2	.1						1.5	7.8
SSE	.2	.4	.1	.1							.8	6.0
S	.2	2.2	1.5	1.1	.2	.1					5.4	8.3
SSW	.2	.9	1.1	.4	.2	.1					3.0	8.8
SW	.5	2.6	1.2	.2							4.5	6.0
WSW	.5	2.4	1.2	.4							4.4	6.2
W	.7	2.2	4.6	1.4	.2						9.2	8.2
WNW	.5	3.1	3.5	3.0	1.5	.2					11.8	10.1
NW	.6	3.3	3.7	2.8	.4	.2					11.0	8.9
NNW	.5	5.2	5.0	2.2	.4						13.2	7.7
VARIABLE												
CALM	////////////////////										10.2	////
TOTALS	5.4	32.4	30.1	16.5	4.6	.7					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: FEB HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.8	4.1	4.5	1.9							11.3	7.4
NNE	.7	1.4	.9	1.1							4.1	7.3
NE	.4	1.2	.9	1.3	.4						4.1	9.0
ENE	.4	.7	1.1	.9	.4						3.4	9.8
E	.2	.7	.8	.6	.5						2.8	9.6
ESE		.5	.6		.1						1.2	8.0
SE	.1	.2	.5	.1	.2						1.2	9.4
SSE	.2	.8	.4	.2	.2						1.9	8.3
S	.7	1.3	.7	.7	.2						3.7	7.6
SSW	.2	.8	1.3	.4	.1	.1					3.0	8.8
SW	.4	1.3	1.4	.6							3.7	7.4
WSW	.8	1.3	1.2	.1							3.4	6.4
W	.4	3.5	4.3	1.2	.4						9.7	7.8
WNW	.8	2.4	3.1	2.5	1.1	.1					9.9	9.6
NW	.7	3.8	3.9	3.4	.8	.1					12.9	9.3
NNW	.8	5.1	4.5	2.5	.2						13.1	7.5
VARIABLE												
CALM	////////////////////										10.6	////
TOTALS	7.7	29.2	30.0	17.5	4.6	.4					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: FEB HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.1	3.4	5.3	1.7	.2						11.7	7.8
NNE	.4	1.4	1.3	.9	.1						4.1	7.9
NE	.7	2.0	.9	1.9	.4						5.9	8.4
ENE	.4	.7	.5	.7	.2						2.5	8.9
E	.1	1.3	.8	.2	.1	.2					2.8	8.9
ESE	.1	.7	.6	.6							2.0	8.3
SE	.1	.2			.2						.6	10.6
SSE	.1	.2				.1					.5	9.0
S	.4	.8	2.2	.4	.1	.2					4.1	9.0
SSW	.2	.6	1.4	.4							2.6	7.6
SW		2.1	1.7	.4							4.1	6.8
WSW	.2	1.7	1.1	.1	.1						3.2	6.7
W	.4	3.0	4.5	1.3	.4						9.5	8.1
WNW	.6	2.6	3.9	3.2	.6						10.9	9.1
NW		3.2	3.4	3.3	1.7	.1					11.7	10.4
NNW	1.8	4.0	3.8	2.8	.1						12.5	7.6
VARIABLE												
CALM	////////////////////										11.2	////
TOTALS	6.5	28.0	31.4	17.8	4.3	.7					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: FEB HOURS (LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33		
N	.5	2.5	4.1	4.0	.5			11.6	9.8
NNE	.4	1.5	2.6	.8	.6	.1		6.0	9.1
NE		1.8	2.0	1.2	.2			5.2	8.9
ENE		.6	1.4	1.3	.4	.1		3.8	10.6
E	.2	.9	2.0	.4		.4		3.9	8.8
ESE	.4		1.4	.4	.2			2.4	8.9
SE		.8	.4	.2	.1			1.5	8.2
SSE	.2	.4	.7	.6	.1			2.0	9.4
S	.1	.6	1.1	.8	.5	.1		3.2	10.7
SSW		.4	.7	.9	.5	.1		2.6	12.4
SW	.2	.9	2.1	1.7	.2			5.2	9.9
WSW	.2	.8	1.1	1.3				3.4	8.5
W	.4	1.4	3.1	2.5	.7			8.0	9.7
WNW	.4	1.9	3.0	4.3	1.1	.5		11.0	11.4
NW	.2	1.2	3.4	6.0	1.9	.9		13.7	12.8
NNW		1.3	3.9	6.7	1.3	.1		13.4	11.6
VARIABLE									
CALM	////////////////////////////////////							3.1	////
TOTALS	3.2	17.0	33.0	33.1	8.3	2.4		100.0	10.2

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: FEB HOURS (LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS							TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33		
N	.6	1.3	1.8	1.3	.4	.1		5.4	9.5
NNE	.4	.9	1.8	1.1	.2			4.4	8.9
NE	.4	1.1	1.8	.6	.6			4.4	9.2
ENE		.1	1.5	1.5	.6	.1		3.9	12.1
E		1.3	2.8	.8		.1		5.1	8.2
ESE	.2	1.1	1.1	.6				3.0	8.1
SE	.5	1.5	.8	1.3				4.1	8.1
SSE	.1	.9	.9	.5				2.5	7.9
S		.9	1.9	1.3	.6			4.7	10.3
SSW	.1	.4	.7	1.9	.6			3.7	11.8
SW		.4	.6	2.2	.5			3.7	12.3
WSW	.1	.6	1.5	1.3	.1			3.7	9.8
W	.4	1.4	2.4	5.7	1.7	.5		11.9	12.2
WNW	.1	1.3	2.8	4.5	2.2	.5		11.5	12.8
NW		1.7	3.1	6.0	2.4	1.3		14.4	13.3
NNW	.1	.7	4.0	5.4	1.2	.5		11.9	12.0
VARIABLE									
CALM	////////////////////							1.8	////
TOTALS	3.0	15.6	29.6	36.1	11.0	3.1		100.0	11.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: FEB HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	1.2	1.8	1.1							4.3	8.3
NNE	.2	.6	1.9	.2							3.0	7.8
NE		.9	2.2	1.1							4.3	9.1
ENE		.6	1.3	2.4	.4	.5					5.1	12.0
E		1.2	3.1	.5	.1						4.8	8.3
ESE	.4	1.2	1.1	.8							3.4	7.6
SE		2.1	1.4	.9							4.5	7.8
SSE		.9	2.4	.8							4.1	8.4
S		1.1	2.8	2.1	.1						6.1	9.3
SSW	.1	.4	1.1	.9	.2						2.7	10.9
SW		.1	1.2	.7	.7						2.7	12.9
WSW		.4	1.5	2.2							4.1	10.5
W		1.1	3.9	5.4	1.3	.2					11.9	11.7
WNW	.1	.5	4.3	7.0	1.1	.9					13.8	12.6
NW		1.5	3.9	5.0	2.4	.6					13.4	12.7
NNW	.1	2.1	3.8	4.0	.8	.2					11.1	10.5
VARIABLE												
CALM	////////////////////										.6	////
TOTALS	1.2	15.8	37.6	35.2	7.1	2.5					100.0	10.6

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: FEB HOURS(11): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.1	2.0	2.6	.4							5.1	6.9
NNE	.4	.9	1.7	.6	.2						3.8	8.2
NE	.1	.5	.7	.7							2.0	8.8
ENE	.2	2.2	1.4	1.1	.4						5.3	8.5
E	.1	2.2	1.1	.8	.1						4.4	7.6
ESE	.2	2.4	.6	.4							3.5	6.3
SE	.2	1.9	.5	.6	.1						3.3	7.2
SSE	.1	1.2	.4	.6	.1						2.4	7.8
S	.4	2.6	2.5	.4	.1						5.9	6.8
SSW	.2	2.5	1.8	.7	.1						5.3	7.3
SW		1.8	1.4	.2							3.4	6.8
WSW	.1	3.1	2.2	.2							5.7	6.6
W	.2	4.8	5.7	1.8	.5						13.0	7.6
WNW	.2	2.5	4.8	3.4	.7	.4					12.1	10.0
NW	.1	3.0	3.1	2.6	.7	.2					9.7	9.7
NNW	.2	3.4	3.2	2.5		.4					9.7	8.6
VARIABLE												
CALM	////////////////////										5.4	////
TOTALS	3.1	37.0	33.6	16.9	3.1	.9					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: FEB HOURS (LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.8	2.4	2.6	1.3							7.1	7.3
NNE	.1	.8	1.3	.6	.1						3.0	8.4
NE	.4	1.8	.5	.4							3.0	6.4
ENE	.1	.7	.5	1.9	.4	.1					3.7	11.6
E	.5	1.5	1.4	.7							4.1	7.5
ESE	.1	1.1	.2	.2							1.7	6.4
SE	.2	.2	.7	.2							1.4	7.2
SSE	.5	.5	.2	.6	.2						2.0	8.6
S	.6	1.9	1.9	1.2	.2						5.8	7.7
SSW	.4	1.9	1.9	.4							4.5	6.8
SW	.6	2.7	.7	.1	.1						4.3	5.9
WSW	.4	3.2	1.9	.2							5.7	5.9
W	1.3	4.5	4.7	1.5	.4	.2					12.6	7.7
WNW		2.8	3.4	3.8	1.2	.1					11.3	10.1
NW	.1	3.9	2.8	2.7	.7	.1					10.4	9.1
NNW	.5	3.5	3.2	2.1		.2					9.6	8.3
VARIABLE												
CALM	////////////////////////////////////										9.9	////
TOTALS	6.5	33.5	28.0	18.0	3.3	.8					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: FEB HOURS (LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	46-55	GE 56	
N	.5	2.6	3.2	1.6	.2	.0					8.1	8.1
NNE	.4	1.1	1.7	.7	.2	.0					4.0	8.2
NE	.3	1.3	1.2	1.0	.2						4.0	8.6
ENE	.2	.8	1.1	1.4	.4	.1					4.0	10.5
E	.2	1.3	1.6	.6	.2	.1					3.9	8.5
ESE	.2	1.0	.8	.4	.0						2.4	7.5
SE	.2	1.0	.6	.5	.1						2.3	7.9
SSE	.2	.7	.6	.4	.1	.0					2.0	6.3
S	.3	1.4	1.8	1.0	.3	.1					4.9	8.6
SSW	.2	1.0	1.2	.7	.2	.0					3.4	9.0
SW	.2	1.5	1.3	.8	.2						3.9	8.3
WSW	.3	1.7	1.5	.7	.0						4.2	7.4
W	.5	2.7	4.1	2.6	.7	.1					10.7	9.2
WNW	.3	2.1	3.6	3.9	1.2	.3					11.5	10.8
NW	.2	2.7	3.4	4.0	1.4	.5					12.1	11.6
NNW	.5	3.2	3.9	3.5	.5	.2					11.8	9.2
VARIABLE												
CALM	////////////////////										6.6	////
TOTALS	4.6	26.1	31.7	23.9	5.8	1.4					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS: 6768

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS(IST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	3.4	3.2	1.3	.3	.1					8.7	8.2
NNE	.3	1.7	1.1	.5	.2						3.3	8.0
NE	.5	.9	.6	.8							2.8	7.6
ENE	.4	.2	.8	.5	.2	.3					2.5	11.3
E	.2	1.4	1.0	.9	.1						3.5	7.9
ESE	.1	.4	.5		.1						1.2	8.0
SE	.3	.5	.5	.4	.2						2.0	9.2
SSE	.2	.6	1.0	.4							2.3	7.2
S	.3	.9	1.9	3.5	.2	.1					7.0	10.6
SSW	.6	2.9	2.8	1.7	.4	.2					8.7	8.5
SW	.1	2.2	1.8	.5							4.6	7.1
WSW	.5	2.2	1.2	1.0	.1						4.9	7.2
W	.4	2.2	2.7	1.2	.6						7.1	8.9
WNW		3.1	4.7	1.9	.4	.2					10.4	9.1
NW	.8	2.4	3.9	3.8							10.8	9.0
NNW	.1	3.2	5.3	1.5	.1						10.2	8.1
VARIABLE												
CALM	////////////////////										9.9	////
TOTALS	5.4	27.6	33.0	20.0	3.1	1.0					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS(IST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4	2.8	3.4	1.1	.2						8.0	7.6
NNE	.2	3.0	1.4	.8	.3						5.7	7.4
NE	.3	1.1	1.3	1.2	.1						4.0	8.4
ENE		.4	.3	.5	.2	.1	.2				1.8	13.7
E	.1	.2	1.6	1.1							3.0	10.0
ESE	.1	.5	.3	.2							1.2	7.4
SE		.6	.3	.8							1.7	9.0
SSE	.1	.4	.3	.3	.1						1.3	8.8
S	.2	1.2	2.9	2.5	.9						7.6	10.5
SSW	.5	1.8	1.6	1.3	.4						5.7	8.4
SW	.1	1.3	1.5	.6		.1					3.7	8.1
WSW	.2	1.0	1.8	.6		.1					3.8	8.3
W	.4	2.6	3.4	1.5	.1	.1					8.2	8.1
WNW	.2	2.7	3.8	3.8	.5						11.0	9.4
NW	.4	4.2	4.2	3.3		.5					12.7	8.9
NNW	.3	4.0	3.5	1.5		.1					9.5	7.7
VARIABLE												
CALM	////////////////////										11.3	////
TOTALS	3.8	27.8	31.8	21.1	2.9	1.1	.2				100.0	7.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS(LST): 0600-0600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4	2.5	5.1	1.6	.1						9.7	8.2
NNE	.1	2.9	2.0	1.3	.2						6.6	8.2
NE	.3	.9	1.6	.4		.1	.1				3.4	8.7
ENE		.9	.6	1.9	.4	.1	.1				4.1	12.2
E	.1	.8	.5	1.3	.2						2.9	10.4
ESE		.5	.5	.2							1.3	7.7
SE		.5	.4	.5	.5						2.0	11.4
SSE	.1	.4	1.2	.4	.1						2.3	8.9
S	.1	.9	1.2	1.7	.4	.1					4.4	10.7
SSW	.4	.8	1.8	1.6	.6						5.3	9.9
SW		1.7	1.7	.6							4.1	7.5
WSW	.2	.8	2.3	1.0		.1					4.3	8.9
W	.2	1.9	4.4	3.5	.4	.1					10.6	9.7
WNW	.4	3.8	3.1	2.8	1.1	.2					11.4	9.6
NW	.2	2.8	2.9	2.8	.9	.1					9.7	9.8
NNW	.2	3.1	3.5	1.7	.3						8.9	8.6
VARIABLE												
CALM	////////////////////										9.0	////
TOTALS	2.9	25.1	33.0	23.5	5.4	.9	.2				100.0	8.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS (LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		1.9	4.4	2.9	.2						9.5	9.6
NNE		1.3	2.4	2.3	.3	.3					6.6	10.4
NE	.1	.4	1.1	2.3	.1						4.0	11.2
ENE		.5	1.5	3.3	.4	.1					5.9	12.0
E		.9	1.8	1.7	.4	.1					4.9	10.8
ESE	.1	.6	1.6	.4	.1						2.9	8.3
SE	.3	.6	.6	.9	.3	.4					3.2	11.9
SSE	.1	.4	1.0	.8	.5	.1					2.9	11.8
S	.2	.5	1.0	2.3	.5	.1					4.6	11.9
SSW	.1	.8	.9	2.6	.9						5.2	12.1
SW	.2	.6	1.5	1.4	.6	.2					4.6	11.1
WSW		.8	1.3	1.7	.5	.1					4.4	11.7
W	.1	.8	2.3	2.2	1.2	.4	.1				7.0	12.9
WNW		.8	2.0	3.9	1.9	.8	.1				9.5	14.0
NW	.1	.6	3.4	7.0	2.8	.2					14.2	12.9
NNW	.1	.6	3.0	4.1	1.5	.3					9.7	12.3
VARIABLE												
CALM	////////////////////										1.0	////
TOTALS	1.5	12.3	29.8	39.6	12.5	3.2	.2				100.0	11.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.1	.9	3.1	2.0	.3						6.5	10.1
NNE		.2	1.5	1.7	.5						4.0	11.8
NE		.5	1.0	1.3	.2						3.0	10.1
ENE		.4	1.0	2.4	.5	.1					4.4	12.4
E		.2	3.1	3.2	.9	.2					7.6	12.1
ESE		.4	1.9	1.0	.2						3.5	9.8
SE		.8	3.1	1.1	.2	.2					5.4	10.0
SSE		.9	1.5	1.9		.3	.1				4.7	11.6
S		.3	1.2	3.8	1.4	.4					7.1	14.0
SSW		.5	.4	1.7	.4	.1					3.2	12.6
SW		.3	.9	1.9	1.2	.2					4.5	13.6
WSW	.2	.2	.5	1.3	.4	.1					2.8	12.0
W		.8	2.3	4.5	2.6	.8					10.9	13.8
WNW		.5	2.4	5.7	2.3	.9	.1				11.8	14.1
NW		.6	2.8	4.7	3.2	.6					12.0	14.0
NNW		1.0	3.0	3.1	.8	.2					8.1	11.3
VARIABLE												
CALM	////////////////////											.4
TOTALS	.3	8.6	29.7	41.4	15.2	4.2	.2				100.0	12.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS (LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		.9	2.0	2.7	.3						5.9	11.0
NNE		.2	.8	1.2	.2						2.4	11.7
NE		.1	1.3	1.8	.2						3.4	11.0
ENE		.2	1.5	1.4	.5	.2					3.9	12.4
E		1.0	3.5	1.9	.6	.1					7.2	10.6
ESE		1.3	2.2	1.1	.2						4.7	8.8
SE		.3	3.3	1.0	.3						4.9	9.7
SSE		.5	2.6	2.5							5.6	10.1
S	.1	.3	1.8	6.6	1.5	.1					10.4	12.9
SSW			1.2	1.6	.8	.1					3.7	13.6
SW		.3	1.2	1.5	.4						3.4	11.2
WSW		.1	.8	1.8	.2						2.9	12.2
W	.2	.4	4.7	4.8	2.3	1.1	.1				13.7	13.1
WNW		.3	1.8	4.9	2.3	.8					10.1	14.5
NW	.1	.4	2.4	5.4	2.9	.3					11.5	13.7
NNW		.6	2.3	2.2	1.0						6.0	11.5
VARIABLE												
CALM	////////////////////										.2	////
TOTALS	.4	7.1	33.3	42.4	13.8	2.7	.1				100.0	12.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.1	1.3	2.3	1.6								5.3	8.9
NNE	.2	.8	1.1	1.6	.4							4.1	10.5
NE	.1	.4	.9	.3								1.7	7.9
ENE	.2	.9	1.8	1.4	.2	.4						4.9	10.6
E	.4	2.2	2.0	.6	.5							5.8	8.1
ESE	.2	2.7	.9	.3	.2							4.3	6.9
SE	.4	2.7	.6	.2	.5							4.5	7.3
SSE	.4	1.6	1.7	.9	.1							4.7	7.7
S	.2	2.3	5.8	3.0	.8							12.0	9.7
SSW		2.2	3.0	1.4	.4	.1						7.1	9.2
SW	.1	1.1	1.7	.5	.1							3.5	7.9
WSW		1.4	1.1	.4	.2							3.1	8.1
W	.1	1.7	4.9	3.4	.5	.4	.1					11.3	10.5
WNW		1.5	4.7	4.6	.4	.2						11.5	10.6
NW	.1	1.6	3.0	1.9	.4	.4						7.5	10.4
NNW	.2	1.9	2.2	1.5	.5							6.3	8.9
VARIABLE													
CALM	////////////////////											2.2	////
TOTALS	2.9	26.1	37.7	23.9	5.5	1.6	.1					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		2.6	3.0	1.9	.3						7.8	8.7
NNE	.5	.5	1.4	.6	.2						3.3	8.4
NE	.4	.9	1.1	.3	.2						2.9	7.7
ENE	.4	1.1	1.1	.3	.1	.3					3.3	9.3
E	.2	1.8	.9	1.3	.1						4.3	8.3
ESE	.5	.8	.3	.3	.2						2.2	7.6
SE	.3	.2	.6	.3	.4	.1					2.0	10.8
SSE	.4	1.5	.4	1.0	.1						3.4	7.7
S	.6	3.7	3.4	3.1	.6						11.5	9.0
SSW	.4	2.6	2.6	.8	.6						7.0	8.4
SW	.5	2.0	1.9	.2							4.7	6.3
WSW	.2	2.4	1.5	.4	.1						4.6	7.4
W	.5	2.9	4.6	1.0	.6	.1					9.8	8.5
WNW	.1	1.6	3.7	2.4	.5	.3					8.6	10.4
NW	.2	1.8	2.5	2.2	1.3	.2					8.2	10.7
NNW	.3	2.6	3.4	1.9	.1						8.4	8.3
VARIABLE												
CALM	////////////////////										7.8	////
TOTALS	5.9	28.9	32.5	18.1	5.7	1.1					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	2.0	3.3	1.9	.2	.0					7.7	8.9
NNE	.2	1.3	1.5	1.2	.3	.0					4.5	9.4
NE	.2	.6	1.1	1.0	.1	.0	.0				3.2	9.2
ENE	.1	.6	1.1	1.5	.3	.2	.0				3.9	11.7
E	.1	1.0	1.8	1.5	.4	.1					4.9	10.0
ESE	.1	.9	1.0	.4	.1						2.7	8.2
SE	.2	.8	1.2	.6	.3	.1					3.2	9.8
SSE	.2	.8	1.2	1.0	.1	.1	.0				3.4	9.4
S	.2	1.2	2.4	3.3	.8	.1					8.1	11.0
SSW	.3	1.4	1.8	1.6	.6	.1					5.7	9.8
SW	.1	1.2	1.5	.9	.3	.1					4.2	9.1
WSW	.2	1.1	1.3	1.0	.2	.1					3.9	9.2
W	.3	1.7	3.7	2.8	1.0	.4	.0				9.8	10.9
WNW	.1	1.8	3.3	3.7	1.2	.4	.0				10.5	11.4
NW	.2	1.8	3.1	3.9	1.4	.3					10.8	11.3
NNW	.2	2.1	3.3	2.2	.5	.1					8.4	9.5
VARIABLE												
CALM	////////////////////										5.2	////
TOTALS	2.9	20.4	32.6	28.7	8.0	2.0	.1				100.0	9.7

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIA WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.4	1.6	2.6	.7	.1							5.3	7.7
NNE	.2	1.2	1.0	.4								2.9	7.0
NE	.3	1.3	.7	1.7	.3	.1						4.4	10.0
ENE	.2	1.6	1.1	1.1	.1							4.1	8.4
E	.3	1.9	1.9	2.0	.2							6.3	9.2
ESE	.2	.9	.9	1.0	.2							3.2	9.1
SE	.2	1.1	.7	.7	.3							3.0	8.8
SSE		1.3	.6	.6								2.4	7.5
S	.2	3.3	1.7	1.7	.3	.1						7.3	8.7
SSW		2.0	3.3	.9	.2							6.4	8.4
SW	.1	3.6	2.6	.3								6.6	6.7
WSW	.3	1.2	2.0	1.0								4.6	8.1
W	.3	2.1	2.8	2.2	.7							8.1	9.5
WNW	.2	3.4	2.9	1.6	.4	.1						8.7	8.5
NW	.6	1.8	3.6	2.3	.6	.1						8.9	9.4
NNW	.2	3.1	3.0	2.0								8.3	8.2
VARIABLE													
CALM	////////////////////////////////////											9.3	////
TOTALS	4.0	31.4	31.1	20.1	3.6	.4						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS (LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	1.9	2.0	.3							4.4	7.0
NNE	.1	1.1	1.1	.4	.1						2.9	8.2
NE		1.2	1.1	1.3	.3						4.0	9.9
ENE	.1	1.2	1.9	1.6	.1	.1					5.0	9.7
E	.2	1.7	1.6	1.7	.8	.1					6.0	10.3
ESE	.1	.8	.6	.4	.4						2.3	10.3
SE	.1	1.0	.6	.8	.2						3.0	8.5
SSE		1.1	1.3	.4	.2						3.1	8.6
S	.1	1.1	2.8	1.1		.3					5.4	9.5
SSW	.6	2.0	1.9	.8							5.2	7.1
SW	.4	2.7	.9	.2							4.2	5.9
WSW	.4	1.8	2.2	.9	.1						5.4	7.8
W	.3	2.4	5.4	1.9	.3						10.4	8.4
WNW	.1	2.8	3.7	2.4	.3						9.3	9.0
NW	.6	2.8	2.3	1.9	.2	.1	.1				8.0	8.6
NNW	.1	3.2	4.6	.8	.1						8.8	7.3
VARIABLE												
CALM	////////////////////										12.3	////
TOTALS	3.9	28.8	33.9	17.0	3.3	.7	.1				100.0	7.4

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS(IST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	2.2	3.0	1.4	.2						7.1	8.4
NNE	.2	1.4	1.3	.9	.2						4.1	8.8
NE	.2	1.0	.8	1.4	.3	.1					3.9	10.4
NNE		.8	2.4	2.0	.4	.2					5.9	10.8
E	.2	1.4	1.7	2.0	1.1	.1					6.6	10.9
ESE	.3	.8	.6	.3	.4	.1					2.6	9.4
SE	.1	.8	.8	.6	.1	.2					2.6	10.3
SSE	.1	1.2	1.7	.4							3.4	7.7
S	.3	.6	1.6	2.9							5.3	9.9
SSW		1.3	2.6	1.0	.1	.3					5.3	9.5
SW	.3	1.9	1.0	.7	.1	.1					4.1	7.4
WSW	.2	1.4	2.3	1.2							5.2	8.2
W		1.7	3.1	2.7	.9						8.3	10.5
WNW	.2	3.0	2.4	2.9	.8	.2					9.6	10.0
NW	.3	2.0	2.8	2.3	.7						8.1	9.3
NNW	.4	2.2	3.4	2.4	.2						8.8	8.6
VARIABLE												
CALM	////////////////////										9.1	////
TOTALS	3.3	23.8	31.4	25.2	5.7	1.4					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	.2	1.6	3.3	1.8	.1							7.0	8.8
NNE	.1	.6	1.6	.8	.9							3.9	11.1
NE		.3	2.0	1.3	.6	.2						4.4	11.9
ENE		.7	2.1	1.7	.3	.1						4.9	10.6
E		1.0	2.7	4.1	.4							8.2	11.3
ESE	.1	.7	2.3	.8	.2	.1						4.2	9.5
SE	.1	.9	1.1	1.1	.1							3.3	9.1
SSE	.2	.9	2.0	1.6	.6							5.2	10.2
S	.1	.3	1.9	3.9	.9	.2						7.3	12.5
SSW	.1	.3	1.1	2.1	.6							4.2	11.6
SW		.3	.9	1.2	.7							3.1	12.6
WSW	.1	.7	1.4	1.3								3.6	9.7
W		1.2	2.9	4.2	1.1	.6	.1					10.1	12.4
WNW	.1	.9	2.3	3.7	1.7	.3						9.0	12.6
NW	.2	1.2	2.6	5.0	1.6	.1	.3					11.0	12.5
NNW		1.1	3.3	5.1	.2							9.8	10.9
VARIABLE													
CALM	////////////////////////////////////										.7	////	
TOTALS	1.4	12.7	33.6	39.7	9.9	1.7	.4					100.0	11.2

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS (LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.1	.1	1.9	2.3	.1						4.6	10.7
NNE		.3	.6	.9	.9						2.7	12.7
NE	.2	.2	1.0	1.1	.3	.1					3.0	11.6
ENE		.4	1.2	1.9	1.1	.2					4.9	13.2
E	.1	.7	2.7	4.6	.4						8.4	11.1
ESE		.4	2.9	1.7	.2						5.2	9.9
SE	.1	.2	3.1	1.8	.1						5.3	9.8
SSE		.6	2.1	3.6	.9						7.1	11.7
S	.2	.4	1.3	7.6	2.4	.6					12.6	14.0
SSW		.4	.9	1.1	.9	.1					3.4	13.2
SW		.1	.4	.8	.8						2.1	13.5
WSW		.1	1.4	1.1	1.1	.3					4.1	13.8
W		1.0	1.6	5.3	2.4	.1					10.4	13.2
WNW		.8	2.4	4.1	2.4	.7	.2				10.7	13.9
NW		.2	2.1	3.7	2.1	.4					8.6	13.9
NNW	.1	.7	1.0	4.1	.7	.1					6.7	12.4
VARIABLE												
CALM	////////////////////										.2	////
TOTALS	.9	6.8	26.7	45.6	17.0	2.7	.2				100.0	12.6

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		.6	1.6	1.0	.2						3.3	9.7
NNE		.1	.9	.8	.2	.1					2.1	11.8
NE	.1	.7	.7	1.3	.4						3.2	11.1
ENE		.2	1.3	1.7	.6	.1					3.9	12.3
E		.6	3.1	3.0	.7						7.3	11.2
ESE		1.1	3.2	2.3	.2						6.9	9.6
SE		.8	2.1	1.3	.1						4.3	9.6
SSE		1.0	4.2	2.6	.7	.2					8.7	10.5
S	.1	.3	3.9	6.3	2.8	.3	.2				14.0	13.4
SSW		.1	1.6	2.2	1.8	.2					5.9	14.3
SW		.2	.2	.9	.4	.1					1.9	14.2
WSW		.1	1.2	1.6	.4	.2					3.6	12.8
W		.2	2.8	6.9	2.1	.7					12.7	13.7
WNW		.2	1.2	4.7	1.6	.7	.1				9.4	14.7
NW		.2	1.2	4.9	1.6	.2	.1				8.2	14.0
NNW	.1	.1	1.7	2.9	.4	.1					5.3	12.5
VARIABLE												
CALM	////////////////////////////////////										.2	////
TOTALS	.3	6.6	30.9	44.3	14.2	3.0	.4				100.0	12.5

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS (LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		.6	1.1	.6	.2						2.4	9.6
NNE	.1	.2	1.2	.4							2.0	9.0
NE		.6	.9	1.8							3.2	10.1
ENE	.3	.7	1.7	1.8	.4						4.9	10.7
E		1.4	2.6	1.9	.2						6.1	9.7
ESE	.1	.9	2.1	1.6	.2						4.9	9.4
SE	.1	1.9	1.4	.8		.1					4.3	7.9
SSE	.1	3.0	2.9	1.0	.2	.1					7.3	6.1
S	.3	3.6	5.9	5.0	.8	.6					16.1	10.1
SSW		1.4	3.0	3.4	.4	.1					8.4	10.5
SW		1.4	1.2	.6	.2						3.4	8.5
WSW	.2	1.2	1.3	1.3	.2						4.3	9.5
W	.2	2.3	4.4	1.7	1.4	.1					10.2	10.0
WNW	.1	1.1	3.2	3.6	.3	.1					8.4	10.6
NW		1.0	1.9	2.4	.4	.3	.1				6.2	11.8
NNW	.1	1.8	1.9	1.4	.2						5.4	8.9
VARIABLE												
CALM	////////////////////////////////////										2.1	////
TOTALS	1.8	23.1	36.8	29.2	5.4	1.4	.1				100.0	9.6

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS (LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4	1.2	2.2	1.0							4.9	7.8
NNE	.2	.6	1.2	.1	.1						2.2	7.9
NE	.2	.8	1.1	1.4	.2						3.8	10.0
ENE	.3	1.1	1.0	1.0	.4						3.9	9.2
E		1.4	1.7	1.8	.2						5.1	9.7
ESE	.1	1.7	1.4	1.0	.2						4.4	8.6
SE	.4	1.7	.6	.8	.3	.1					3.9	8.6
SSE	.1	2.3	1.3	.6	.3	.1					4.8	8.0
S	.4	3.8	3.4	1.7	1.0	.1					10.4	9.1
SSW	.8	2.7	3.3	1.4	.3						8.6	8.0
SW		4.0	1.7	1.1	.2						7.0	7.4
WSW	.2	2.9	1.8	.6							5.4	7.1
W	.6	3.0	4.2	1.4	.7	.2					10.1	8.7
WNW	.1	1.3	2.6	1.8	.1						5.9	9.4
NW	.2	1.8	2.1	1.7	.7	.2					6.7	9.9
NNW	.2	1.9	1.9	2.4	.1						6.6	9.0
VARIABLE												
CALM	////////////////////										6.3	////
TOTALS	4.4	32.1	31.6	19.8	5.0	.8					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS(1ST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	1.2	2.2	1.1	.1						4.9	8.6
NNE	.1	.7	1.1	.6	.3	.0					2.8	9.5
NE	.1	.8	1.0	1.4	.3	.1					3.7	10.6
ENE	.1	.8	1.6	1.6	.4	.1					4.7	10.7
E	.1	1.3	2.2	2.6	.5	.0					6.8	10.5
ESE	.1	.9	1.7	1.1	.3	.0					4.2	9.5
SE	.2	1.0	1.3	1.0	.2	.1					3.7	9.1
SSE	.1	1.4	2.0	1.3	.4	.1					5.3	9.4
S	.2	1.7	2.8	3.8	1.0	.3	.0				9.8	11.2
SSW	.2	1.3	2.2	1.6	.5	.1					5.9	10.1
SW	.1	1.8	1.1	.7	.3	.0					4.1	8.5
WSW	.2	1.2	1.7	1.1	.2	.1					4.5	9.3
W	.2	1.7	3.4	3.3	1.2	.2	.0				10.1	10.9
WNW	.1	1.7	2.6	3.1	1.0	.3	.0				8.7	11.2
NW	.2	1.4	2.3	3.0	1.0	.2	.1				8.2	11.3
NNW	.2	1.8	2.6	2.7	.2	.0					7.5	9.6
VARIABLE												
CALM	////////////////////										5.0	////
TOTALS	2.5	20.7	32.0	30.1	8.0	1.5	.2				100.0	9.7

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	3.1	1.3	.6	.1						5.4	6.9
NNE	.3	2.2	1.1	.1							3.7	6.2
NE	.4	1.8	1.0	1.7	.2						5.2	8.8
ENE	.3	1.3	.9	1.2							3.7	8.2
E	.4	2.4	1.2	.4							4.4	6.2
ESE	.1	1.5	.3	.1	.2						2.3	6.9
SE	.2	1.4	.4								2.0	5.7
SSE	.1	2.4	.9	1.4		.1					4.8	8.1
S	1.2	3.8	3.5	2.3	.5	.1					11.4	8.3
SSW	.8	3.7	1.8	1.4	.1						7.7	7.3
SW	.9	5.8	3.0	.5	.1						10.3	6.2
WSW	.9	3.2	2.5	.2							6.8	5.9
W	1.0	3.2	2.0	.6							6.9	6.3
WNW		1.9	1.6	.3							3.9	6.9
NW	.3	2.7	1.6	.6							5.3	6.6
NNW	.8	3.4	1.9	.4							6.6	6.0
VARIABLE												
CALM	////////////////////										9.8	////
TOTALS	7.8	43.8	25.1	12.0	1.3	.2					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS (LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	4.4	2.9	.5							8.4	6.4
NNE	.9	1.8	.5	.6							3.9	6.2
NE	.2	.8	1.4	1.8	.3						4.5	10.1
ENE	.2	1.4	1.6	.8		.1					4.1	8.1
E	.3	2.2	.6	.5							3.7	6.3
ESE	.3	1.0	.2		.1	.1					1.7	6.8
SE	.3	.6	.1			.1					1.2	6.1
SSE	.4	2.5	.6	1.4							4.9	7.3
S	.4	4.6	3.9	1.4	.8						11.1	7.9
SSW	.6	2.7	2.0	.4	.1						5.9	6.8
SW	.5	4.2	2.0	.5							7.3	6.2
WSW	.5	3.1	1.7								5.4	5.7
W	1.1	2.8	2.4	.5							6.8	6.4
WNW	.3	2.5	2.2	.2							5.2	6.7
NW	.8	3.7	1.8	.4							6.7	6.0
NNW	.6	3.1	1.6	.1							5.5	5.7
VARIABLE												
CALM	////////////////////////////////////										13.9	////
TOTALS	8.2	41.3	25.7	9.4	1.3	.3					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4	4.1	4.8	.3							9.7	7.1
NNE	.2	2.2	1.2	1.4							4.9	7.8
NE	.2	1.8	2.3	2.0	.1						6.5	8.9
ENE	.2	1.5	1.5	.6	.2						4.1	7.8
E	.4	2.8	1.2	.6	.2						5.3	7.1
ESE	.3	1.6	.4	.1	.1						2.6	5.9
SE	.2	1.5	.5	.5							2.8	7.1
SSE	.1	1.0	1.1	.8							2.9	8.4
S	.2	2.2	3.8	1.4	.3						7.8	8.7
SSW	.6	1.7	3.7	1.8							7.8	8.3
SW	.6	1.9	3.2	.6							6.5	7.3
WSW	.3	1.9	2.6	.4	.1						5.4	7.5
W	.2	2.6	3.1	1.6							7.5	8.0
WNW	.1	2.3	2.3	.8	.1						5.5	7.9
NW	.1	3.1	2.5	1.6	.2						7.5	8.1
NNW	.2	2.6	2.5	1.4							6.7	7.9
VARIABLE												
CALM	////////////////////										6.6	////
TOTALS	4.6	34.7	36.6	16.1	1.4						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS (LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL Σ	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N		1.5	3.7	1.4	.4							7.0	9.4
NNE		.6	1.4	2.0								4.1	10.2
N	.2	1.3	1.4	1.2	.3							4.4	9.4
ENE		1.4	2.3	1.2	.5							5.4	9.2
E	.2	2.2	3.8	2.6	.3							9.0	8.9
ESE		1.6	1.4	1.5								4.5	8.6
SE		1.4	2.3	.1								3.8	7.4
SSE	.1	1.4	1.6	1.5	.3	.1						5.1	9.5
S	.1	1.1	2.8	4.8	.8							9.6	11.2
SSW		1.2	1.7	1.7	.3							4.9	9.9
SW	.1	.8	1.6	2.3	.4							5.2	11.0
WSW		1.3	1.7	2.4	.1							5.5	9.8
W	.1	1.7	3.1	3.0	.1							8.1	9.6
WNW	.2	1.3	2.0	2.2	.3							6.0	10.2
NW		1.4	3.2	2.9	.5							8.1	10.5
NNW	.1	1.0	3.4	2.9								7.4	9.7
VARIABLE													
CALM	////////////////////////////////////											2.0	////
TOTALS	1.2	21.1	37.4	33.7	4.5	.1						100.0	9.6

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		.4	2.7	1.5	.2						4.8	10.0
NNE		.4	1.2	1.6	.1						3.3	10.8
NE		.1	1.4	1.4							2.9	10.5
ENE	.1	1.0	2.4	1.5	.2						5.2	9.5
E		1.6	4.7	3.1	.2						9.7	9.8
ESE		1.1	3.7	2.2							6.9	9.3
SE		.8	3.3	1.3							5.4	9.1
SSE	.1	1.1	3.5	3.2	.6						8.6	10.2
S		.8	2.5	8.0	2.7	.1					14.0	13.4
SSW		.3	.5	2.6	.6	.1					4.2	13.6
SW	.1	.4	1.2	1.5	.2						3.4	10.5
WSW	.1	.6	2.4	2.7	.4						6.2	11.0
W		1.2	2.4	3.8	1.0	.1					8.4	11.8
WNW		.4	1.8	3.0	.8	.1					6.1	12.3
NW	.1	.4	1.9	3.1	.4						6.0	11.7
NNW		.5	2.0	1.5	.1						4.2	9.9
VARIABLE												
CALM	////////////////////////////////////										.6	////
TOTALS	.5	11.2	37.6	41.9	7.6	.4					100.0	10.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		.2	1.8	1.1	.1						3.2	10.5
NNE		.6	1.0	.5							2.2	9.0
NE		.4	.9	1.1							2.4	10.3
ENE	.2	1.0	2.4	1.5							5.1	9.2
E		1.2	4.5	3.4							9.1	9.9
ESE		1.2	3.7	1.4							6.2	8.7
SE		.6	4.0	1.2							5.8	9.0
SSE		1.3	5.1	2.4	.3						9.0	9.7
S		1.2	5.9	10.1	2.2	.2					19.6	12.1
SSW		.1	1.3	3.8	1.2	.2					6.6	13.7
SW		.1	.5	2.3	.2						3.1	13.1
WSW		.5	1.3	2.2	.9						4.8	12.0
W	.1	.3	2.9	3.4	.4						7.2	11.3
WNW			2.0	3.1	.6						5.8	12.4
NW	.1	.1	2.0	2.8	.4	.1					5.6	11.8
NNW		.4	1.4	1.6	.3						3.8	10.8
VARIABLE												
CALM	////////////////////////////////////										.5	////
TOTALS	.4	9.4	40.6	41.8	6.7	.5					100.0	10.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		.8	.4	1.3							2.5	9.8
NNE	.2	1.0	.6	.2							2.0	6.5
NE		.1	1.5	1.1							2.7	10.0
ENE	.2	.9	1.5	1.3	.2						4.1	9.1
E	.4	2.6	2.9	1.2	.1						7.2	7.7
ESE	.4	2.3	1.9	.2							4.8	6.2
SE	.1	2.9	1.9	.5							5.5	7.1
SSE	.1	2.8	3.4	1.0	.2						7.5	7.8
S	.4	4.8	9.4	7.3	.5	.1					22.6	9.3
SSW	.1	3.0	4.0	3.0	.3						10.4	9.2
SW	.1	1.3	3.1	.9							5.4	8.4
WSW		2.0	2.2	1.2							5.4	8.3
W		1.6	3.0	1.3	.1						6.0	8.7
WNW		1.4	1.5	1.1	.1						4.1	8.8
NW	.2	1.4	1.1	1.3							4.0	8.4
NNW		1.0	.9	1.1	.1						3.0	9.7
VARIABLE												
CALM	////////////////////										2.8	////
TOTALS	2.4	29.8	39.4	23.9	1.7	.1					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.1	1.9	.8	.3							3.1	7.1
NNE	.4	2.3	.3	.2							3.2	5.5
NE	.1	1.0	.5	.8	.1						2.5	8.7
ENE	.2	1.3	1.4	1.6		.1					4.6	9.0
E	.1	3.5	1.8	.9	.1	.1					6.6	7.2
ESE	.3	1.3	.4	.4	.1						2.6	6.9
SE		1.5	1.0	.3							2.8	6.8
SSE		2.6	2.4	.6	.1	.1					5.8	7.8
S	.8	5.7	3.0	3.7	.4						13.5	8.2
SSW	.4	5.9	5.5	1.6	.3						13.8	7.4
SW	.6	4.2	3.4	.1							8.4	6.2
WSW	.8	3.5	1.5	.2							6.0	5.9
W	.4	2.6	2.0	.2	.2						5.5	6.9
WNW	.4	1.2	1.3	.6							3.5	7.7
NW	.4	1.6	1.0	.5							3.5	6.7
NNW	.5	1.5	1.5	.4	.1						4.1	7.2
VARIABLE												
CALM	////////////////////										10.4	////
TOTALS	5.7	41.6	27.8	12.6	1.5	.3					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	2.1	2.3	.9	.1						5.5	8.0
NNE	.3	1.4	.9	.8	.0						3.4	7.8
NE	.1	.9	1.3	1.4	.1						3.9	9.5
ENE	.2	1.2	1.7	1.2	.1	.0					4.5	8.8
E	.2	2.3	2.6	1.6	.1	.0					6.9	8.3
ESE	.2	1.4	1.5	.7	.1	.0					4.0	7.8
SE	.1	1.3	1.7	.5		.0					3.7	7.7
SSE	.1	1.9	2.3	1.5	.2	.0					6.1	8.8
S	.4	3.0	4.3	4.9	1.0	.1					13.7	10.1
SSW	.3	2.3	2.6	2.0	.4	.0					7.7	9.0
SW	.4	2.3	2.3	1.1	.1						6.2	7.8
WSW	.3	2.0	2.0	1.2	.2						5.7	8.2
W	.4	2.0	2.6	1.8	.2	.0					7.0	8.8
WNW	.1	1.4	1.8	1.4	.2	.0					5.0	9.4
NW	.3	1.8	1.9	1.7	.2	.0					5.8	8.9
NNW	.3	1.7	1.9	1.2	.1						5.1	8.2
VARIABLE												
CALM	////////////////////										5.8	////
TOTALS	3.9	29.1	33.8	23.9	3.3	.3					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 75-87  
MONTH: JUN HOURS(LSY): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.9	3.9	1.6	.2							6.6	5.6
NNE	1.2	1.8	.6	.1							3.7	4.9
NE	.4	1.2	.2	.2							2.1	5.4
ENE	.2	1.1	.1								1.4	4.8
E	.3	1.3	.1								1.8	4.7
ESE	.2	1.0	.6								1.8	5.3
SE	.3	.7	.3	.1							1.4	5.8
SSE	.1	3.1	1.0								4.2	5.7
S	.6	4.6	3.0	2.3							10.4	7.7
SSW	.7	4.8	4.2	1.2							10.9	7.0
SW	.4	6.7	2.0	.3							9.4	5.7
WSW	.9	4.6	2.9	.2							8.6	5.9
W	1.1	2.7	1.8								5.6	5.5
WNW	.1	2.4	1.2	.3							4.1	6.3
NW	.7	3.7	1.8	.4							6.6	6.0
NNW	.6	3.4	1.6	.2							5.8	6.0
VARIABLE												
CALM	////////////////////										15.7	////
TOTALS	8.8	46.9	22.9	5.8							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 79-87  
MONTH: JUN HOURS(EST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	4.9	2.0								7.6	5.5
NNE	.9	2.1	.6	.1							3.7	5.3
NE	.7	1.4	.4								2.5	4.7
NNE	.1	1.2	.3								1.6	5.4
E	.9	2.1	.4	.1							3.6	5.0
ESE	.1	.7	.8								1.6	6.4
SE	.3	1.0	.4								1.7	5.4
SSE	.4	2.1	.9	.1							3.6	5.6
S	.6	4.1	3.1	1.0							8.8	6.9
SSW	.7	4.1	3.4	.6							8.8	6.9
SW	.3	5.7	2.6	.4							9.0	6.0
WSW	.4	4.1	2.1	.1							6.8	5.8
W	.6	3.0	2.0	.4							6.0	5.2
WNW	.8	4.4	1.7								6.9	5.5
NW	.4	3.9	1.7	.2							6.2	5.5
NNW	.8	4.0	2.2	.2							8.1	5.6
VARIABLE												
CALM	////////////////////										13.4	////
TOTALS	8.7	49.7	24.7	3.3							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.1	3.7	2.8	.9							7.4	7.3
NNE	.3	2.6	1.4	.1							4.4	6.2
NE		1.9	1.2	.2							3.3	6.9
ENE	.3	1.7	.8	.1							2.9	5.8
E	.7	3.1	2.0	.1							5.9	5.9
ESE	.2	.8	.7								1.7	6.3
SE	.1	1.0	.4								1.6	5.6
SSE	.3	.9	1.4	.2							2.9	6.8
S		2.8	3.1	.6							6.4	7.3
SSW	.4	2.3	4.0	1.7	.2						8.7	8.4
SW	.1	2.4	3.3	2.0	.1						8.0	8.6
WSW	.3	2.2	4.3	1.1							8.0	7.6
W	.6	2.9	3.9	1.2							8.6	7.6
WNW	.3	1.9	3.0	1.2	.1						6.6	7.9
NW	.2	3.2	2.9	.7							7.0	7.1
NNW	.8	2.6	2.7	1.7							7.7	7.6
VARIABLE												
CALM	////////////////////										9.0	////
TOTALS	4.9	35.9	38.0	11.8	.4						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 56	TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			
N	.3	2.1	2.6	1.8								6.8	8.1
NNE		1.9	1.1	.3								3.3	6.9
NE	.2	1.0	2.0	.4								3.7	7.7
ENE	.1	1.6	3.0	.7								5.3	7.8
E		2.6	4.4	.4								7.4	7.5
ESE	.1	1.1	1.8	.3								3.3	7.2
SE	.1	1.2	1.2	.1								2.7	6.4
SSE	.1	1.0	1.4	1.0								3.6	8.4
S	.1	1.1	3.8	2.1								7.1	9.0
SSW		.8	3.0	1.4	.1							5.3	9.1
SW	.2	2.2	2.1	2.2	.2							7.0	9.0
WSW	.3	1.6	3.3	3.2	.4							8.9	9.9
W	.2	2.9	5.3	2.9	.1							11.4	8.7
WNW	.7	1.3	2.6	2.6	.1							7.2	9.1
NW	.2	1.1	3.1	3.0	.1							7.6	9.8
NNW	.2	1.7	2.9	2.2								7.0	8.8
VARIABLE													
CALM	////////////////////////////////////											2.3	////
TOTALS	3.0	25.1	43.7	24.8	1.1							100.0	8.4

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		.6	2.0	.8							3.3	8.8
NNE		.2	.3	.3							.9	8.3
NE		.7	.8	.4							1.9	8.4
ENE		.6	2.2	.7							3.4	8.6
E		.9	5.2	1.6							7.7	9.1
ESE		1.1	3.3	.6							5.0	8.2
SE		1.8	4.4	.9							7.1	8.1
SSE	.1	.6	4.7	1.9	.1						7.3	9.6
S	.1	1.3	4.3	9.1	.3						15.2	11.2
SSW		1.2	1.9	2.6	.1						5.9	9.7
SW		.7	2.2	2.7	.4						6.0	11.1
WSW		.4	2.2	2.6	.3						5.6	11.1
W	.2	1.3	3.8	4.1	.6	.1					10.1	10.4
WNW		.3	2.9	4.0	.6						7.8	11.2
NW	.1	1.2	2.9	3.8	.1						8.1	10.2
NNW	.1	.6	2.6	1.0	.1						4.3	9.5
VARIABLE												
CALM	////////////////////										.4	////
TOTALS	.7	13.4	45.8	36.9	2.7	.1					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
JSAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS(IST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		.2	.8	.9	.1						2.0	10.2
NNE		.3	.2								.6	6.4
NE			1.2	.3							1.6	9.2
ENE		.2	1.9	.7							2.8	9.0
E			2.0	5.0	1.0						8.0	8.3
ESE	.1	1.4	2.8	.6							4.9	7.8
SE	.1	1.0	3.6	.4							5.1	7.8
SSE		1.2	5.1	3.2							9.6	9.6
S	.1	1.1	8.0	14.0	1.0						24.2	11.4
SSW	.1	.1	1.2	3.3	.3						5.1	11.8
SW		.3	1.3	1.7	.1						3.4	10.7
WSW		.1	2.0	3.4	.3	.1					6.0	12.0
W		.6	3.4	4.0	.2						8.2	10.9
WNW		.4	2.3	3.2	.6	.1					6.7	11.9
NW		.8	2.9	2.8							6.4	10.1
NNW	.1	1.1	1.9	1.9							5.0	9.4
VARIABLE												
CALM	////////////////////////////////////										.4	////
TOTALS	.6	11.0	43.7	41.4	2.7	.2					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.1	1.1	1.1	.2							2.6	7.1
NNE		.4	.4								.9	6.3
NE	.3	1.0	.8	.4							2.6	7.1
ENE	.1	1.3	.9	.3							2.7	6.8
E	.4	3.2	2.0	.2							5.9	6.1
ESE	.4	1.8	1.8								4.0	6.0
SE	.2	1.7	1.6	.2							3.7	6.7
SSE		3.4	4.3	1.3							9.1	7.7
S	.2	5.6	13.8	6.3	.2						26.1	8.6
SSW	.4	3.1	3.9	2.1	.2						9.8	8.2
SW	.1	1.7	2.2	.4							4.4	7.6
WSW	.1	2.8	2.9	.7							6.4	7.5
W	.2	2.8	3.1	.8							6.9	7.3
WNW		1.9	2.2	.9	.1						5.1	8.4
NW	.2	2.1	1.6	.7							4.6	7.1
NNW	.1	1.6	.9	.4							3.0	7.0
VARIABLE												
CALM	////////////////////////////////////										2.3	////
TOTALS	3.1	35.4	43.4	15.1	.6						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS(IST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	1.6	1.0	.1							3.3	5.7
NNE	.3	1.2	.6								2.1	5.2
NE	.2	1.4	.8	.1							2.6	6.0
ENE		1.3	.4								1.8	5.9
E	.4	2.0	.7								3.1	5.3
ESE	.1	1.4	.3								1.9	5.3
SE	.2	1.4	.3	.2							2.2	6.0
SSE	.4	2.8	2.8	.4							6.4	6.5
S	.4	8.7	5.2	2.3	.1						16.8	7.2
SSW	1.0	6.1	5.0	1.9	.1						14.1	7.3
SW	.4	6.6	2.6	.2							9.8	5.8
WSW	.7	3.4	2.0	.3							6.4	6.1
W	.4	2.7	2.2	.1							5.4	6.2
WNW	.9	2.2	1.0	.1							4.2	5.4
NW	.4	.8	1.6	.6	.2						3.6	8.0
NNW	.6	2.1	1.1	.1							3.9	5.9
VARIABLE												
CALM	////////////////////										12.3	////
TOTALS	7.3	45.8	27.6	6.6	.4						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS(IST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	2.2	1.7	.6	.0						4.9	6.9
NNE	.3	1.3	.7	.1							2.4	5.9
NE	.2	1.1	.9	.3							2.5	6.8
ENE	.1	1.1	1.2	.3							2.8	7.2
E	.3	2.2	2.5	.4							5.4	7.1
ESE	.2	1.2	1.5	.2							3.0	6.9
SE	.2	1.2	1.5	.2							3.2	7.0
SSE	.2	1.9	2.7	1.0	.0						5.8	7.9
S	.3	3.7	5.5	4.7	.2						14.4	9.1
SSW	.4	2.8	3.3	1.8	.1						8.6	8.1
SW	.2	3.3	2.3	1.2	.1						7.1	7.6
WSW	.3	2.4	2.7	1.5	.1	.0					7.1	8.1
W	.4	2.3	3.2	1.7	.1	.0					7.8	8.2
WNW	.3	1.9	2.1	1.5	.2	.0					6.1	8.5
NW	.3	2.1	2.3	1.5	.1						6.2	8.1
NNW	.4	2.2	2.0	1.0	.0						5.6	7.4
VARIABLE												
CALM	////////////////////										7.0	////
TOTALS	4.6	32.9	36.2	18.2	1.0	.0					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY 1AP NJ

PERIOD OF RECORD: 78-87  
MONTH: JUL HOURS(IST): 0000 0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.9	2.5	1.2								4.5	5.3
NNE	.2	1.6									1.8	4.2
NE		.5									.5	4.0
ENE	.8	1.0	.2								1.9	4.4
E	.4	1.6	.6	.1							2.8	5.4
ESE	.1	1.1	.3								1.5	5.6
SE	.2	1.1	.4								1.7	5.4
SSE	.3	1.5	.5	.1							2.5	5.5
S	.4	4.4	2.4	.3	.3						7.8	6.6
SSW	.3	7.0	3.4	.2	.1						11.1	6.1
SW	1.4	7.5	3.0	.4							12.4	5.7
WSW	1.0	5.1	2.3	.1							8.4	5.7
W	.5	3.8	2.4								6.7	5.9
WNW	.5	3.1	.5	.1	.1						4.4	5.6
NW	1.0	3.5	1.1	.1							5.7	5.3
NNW	.2	4.8	.9								5.9	5.3
VARIABLE												
CALM	////////////////////										20.3	////
TOTALS	8.3	50.1	19.2	1.5	.5						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JUL HOURS (LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GF 56		
N	.6	3.4	1.8									5.9	5.5
NNE	.6	.9	.2									1.7	4.6
NE	.3	.6										1.0	4.2
ENE	.3	.6	.1									1.1	4.5
E	.3	1.6	1.3									3.2	5.9
ESE	.2	.4	.2	.1								1.0	5.6
SE	.1	1.0	.4	.1								1.6	6.4
SSE	.3	1.2	.3									1.8	5.1
S	1.1	3.1	2.2	.5								6.9	6.4
SSW	.4	5.5	1.7	.5	.1							8.3	5.9
SW	.9	4.9	2.4	.1								8.3	5.6
WSW	.6	3.4	1.7	.1								5.9	5.7
W	1.0	3.4	2.0									6.5	5.7
WNW	1.6	3.4	1.5									6.6	5.0
NW	1.0	5.1	1.3									7.3	5.1
NNW	.6	4.6	1.9	.2								7.4	5.7
VARIABLE													
CALM	////////////////////											25.6	////
TOTALS	10.1	43.3	19.1	1.7	.1							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JUL HOURS(LST): 0600-0600

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.8	4.5	3.8	.2							9.2	6.2
NNE	.8	2.9	1.0	.1							4.7	5.1
NE	.2	1.5	.5								2.3	5.5
NNE	.5	.6	.4	.1							1.7	5.5
E	.2	1.9	1.1	.2							3.4	6.2
ESE	.3	1.0	.8	.3							2.4	6.7
SE		1.9	.9	.2							3.0	6.4
SSE	.1	1.4	.8	.1							2.4	6.0
S	.2	1.4	2.8	1.2	.1						5.7	8.5
SSW	.3	2.8	2.5	.5	.1						6.2	7.0
SW	.4	2.7	4.1	.6							7.8	7.3
WSW	.8	2.7	3.7	.8							7.8	6.9
W	.2	2.9	3.4	.6							7.2	7.1
WNW	.6	2.3	2.4	.6							5.9	6.9
NW	.5	3.9	1.9	.4							6.8	6.0
NNW	.8	4.5	3.2	.6							9.1	6.4
VARIABLE												
CALM	////////////////////////////////////										14.2	////
TOTALS	6.8	38.9	33.1	6.8	.2						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 910

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JUL HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.9	2.9	3.0	.8								7.5	6.8
NNE	.2	2.3	1.5	.4								4.4	6.7
NE	.2	1.5	.4	.4								2.6	6.8
ENE	.1	1.7	1.3	.3								3.4	7.1
E	.3	2.4	4.4	.9								8.0	7.8
ESE	.1	1.6	1.0	1.3								4.0	7.9
SE		.4	1.8	.1								2.4	8.0
SSE	.1	1.7	2.4	.6								4.8	7.6
S	.2	1.7	3.3	1.7								7.0	8.2
SSW	.1	1.6	2.3	1.8								5.8	9.0
SW	.2	1.6	2.5	1.5	.3							6.1	9.0
WSW	.5	2.2	4.2	1.6								8.5	8.3
W	.2	2.2	5.7	1.4								9.5	8.1
WNW	.6	1.3	2.5	1.6								6.0	8.4
NW	.2	1.7	3.3	1.8	.1							7.2	8.7
NNW	.2	2.3	4.0	2.3								8.7	8.6
VARIABLE													
CALM	////////////////////////////////////											4.1	////
TOTALS	4.3	29.0	43.5	18.6	.4							100.0	7.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JUL HOURS(LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.1	.9	2.3	.2	.1						3.5	7.8
NNE	.1	.2	.2	.2							.8	8.0
NE	.1	.5	.4	.1							1.2	6.8
ENE		.5	1.0	.1							1.6	8.1
E	.1	1.5	5.2	1.6							8.4	8.7
ESE		.8	4.0	1.2							5.9	9.0
SE		2.0	5.5	.4							8.0	7.7
SSE		.8	4.8	3.0	.1						8.7	10.0
S	.2	1.2	5.2	7.1	.4						14.1	10.6
SSW	.1	.5	2.3	1.9	.2						5.1	10.4
SW	.1	.6	3.1	1.8	.1						5.8	9.7
WSW	.1	1.6	3.0	1.8	.1						6.7	9.0
W		1.9	5.3	4.1	.2						11.5	9.7
WNW		1.4	1.8	1.8							5.1	9.2
NW		1.5	3.8	1.9							7.2	8.9
NNW	.1	1.2	3.1	1.0							5.4	8.4
VARIABLE												
CALM	////////////////////										1.2	////
TOTALS	1.1	17.2	50.9	28.4	1.3						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JUL HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.1	.9	.3	.2							1.5	6.9
NNE		.4	.8								1.2	7.5
NE	.1	.3	.3	.1							.9	6.9
ENE		.3	1.6	.1							2.0	8.2
E	.1	2.3	5.3	.8							8.4	8.1
ESE	.1	1.5	4.1	1.1							6.8	8.2
SE	.1	2.4	3.5	.6	.1						6.8	7.8
SSE	.1	1.5	4.8	2.7							9.1	9.1
S		1.7	8.6	12.0	.6	.1					23.1	11.1
SSW		.9	3.4	3.5	.2						8.1	10.5
SW		.2	1.8	1.9							4.0	10.6
WSW		.8	2.6	2.3							5.6	9.5
W	.1	1.2	5.2	2.2	.2						8.8	9.3
WNW	.1	.6	3.2	1.8	.2						6.0	9.6
NW		.8	2.6	1.2	.1						4.6	9.1
NNW		.2	1.4	.4	.2						2.3	10.0
VARIABLE												
CALM	////////////////////										.9	////
TOTALS	.9	15.9	49.6	31.0	1.7	.1					100.0	9.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JUL HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.1	.3	.5	.4							1.4	8.3
NNE	.2	.2	.4								.9	6.6
NE		.2	.2	.1							.5	8.2
ENE	.2	1.3	.4								1.9	5.8
E	.6	3.5	2.2	.2							6.6	5.9
ESE	.9	3.8	1.1	.4	.1						6.2	6.0
SE	.5	2.4	1.9	.1	.1						5.1	6.2
SSE	.3	4.1	3.9	.4	.1						8.8	6.8
S	.4	6.8	12.7	5.2	.2						25.3	8.4
SSW	.4	4.0	7.8	1.5	.1						13.9	7.7
SW	.4	1.8	2.9	.3							5.5	6.9
WSW	.1	2.8	2.8	.2							5.9	6.7
W	.1	3.0	3.0	1.0							7.1	7.5
WNW		1.1	1.6	.1							2.8	7.5
NW		1.5	.9	.6							3.0	7.3
NNW		1.3	1.2								2.5	6.4
VARIABLE												
CALM	////////////////////////////////////										2.7	////
TOTALS	4.4	38.1	43.5	10.6	.6						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JUL HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND KNOTS
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.3	1.7	.6									2.7	5.6
NNE	.4	1.2	.3									1.9	5.0
NE	.5	.5	.2									1.3	4.2
ENE	.8	1.0	.2									1.9	4.3
E	1.2	2.3	.4									3.9	4.5
ESE	.4	1.6	.4	.2								2.7	5.5
SE	.4	1.3	.4									2.2	5.1
SSE	.3	2.9	.9									4.1	5.4
S	1.3	7.7	5.4	1.5	.3							16.2	6.8
SSW	1.2	6.6	4.7	1.1	.2							13.8	6.7
SW	1.0	8.1	2.3	.3								11.6	5.6
WSW	1.2	5.5	2.0									8.7	5.4
W	.5	1.6	2.3	.2								4.6	6.7
WNW	.1	1.9	.6	.6								3.3	7.0
NW	.2	2.7	.4	.2								3.5	5.5
NNW	.2	2.2	1.0	.2								3.5	5.9
VARIABLE													
CALM	////////////////////											14.0	////
TOTALS	10.1	48.7	22.3	4.4	.5							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JUL HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.5	2.1	1.7	.2	.0						4.5	6.3
NNE	.3	1.2	.6	.1							2.2	5.7
NE	.2	.7	.3	.1							1.3	5.9
ENE	.3	.9	.7	.1							2.0	6.2
E	.4	2.1	2.6	.5							5.6	7.0
ESE	.3	1.5	1.5	.6	.0						3.8	7.3
SE	.2	1.6	1.9	.2	.0						3.8	7.0
SSE	.2	1.9	2.3	.9	.0						5.3	7.7
S	.5	3.5	5.3	3.7	.3	.0					13.3	8.8
SSW	.4	3.6	3.5	1.4	.1						9.0	7.6
SW	.6	3.4	2.8	.9	.1						7.7	7.0
WSW	.5	3.0	2.8	.9	.0						7.2	7.1
W	.3	2.5	3.7	1.2	.1						7.7	7.8
WNW	.5	1.9	1.8	.8	.0						5.0	7.4
NW	.4	2.6	1.9	.8	.0						5.7	7.0
NNW	.3	2.6	2.1	.6	.0						5.6	7.0
VARIABLE												
CALM	////////////////////										10.4	////
TOTALS	5.7	35.2	35.2	12.9	.7	.0					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: AUG HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.2	4.7	2.2	.2							8.3	5.5
NNE	1.0	1.6	.6								3.2	4.7
NE	.4	1.5	.3	.2							2.5	5.1
ENE	.5	1.3	.3	.3							2.5	5.7
E	.3	.5	.6	.1							1.6	6.2
ESE	.1	.6									.8	4.1
SE	.3	.8	.2	.1							1.4	5.4
SSE	.1	1.6	.8	.1							2.6	6.0
S	1.1	5.1	3.1	.3							9.6	6.0
SSW	.9	4.5	3.9	.5							9.8	6.5
SW	1.2	5.9	1.9	.1							9.1	5.5
WSW	1.5	3.7	1.5	.1							6.8	5.1
W	.6	3.7	1.2	.3							5.8	5.6
WNW	1.0	2.8	.3								4.1	4.7
NW	1.2	4.2	.9								6.2	4.9
NNW	1.3	2.8	1.1	.2							5.4	5.4
VARIABLE												
CALM	////////////////////										20.4	////
TOTALS	12.7	45.3	18.9	2.7							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: AUG HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.8	7.4	1.5								10.8	5.0
NNE	1.1	1.3	.5	.1							3.0	4.9
NE	.4	.9	1.2	.3							2.8	6.8
ENE		.9	.4	.1							1.4	6.7
E	.4	.8	.4	.2							1.8	6.2
ESE	.2	.4									.6	4.0
SE	.2			.1							.3	6.0
SSE		1.6	.5	.2							2.4	6.2
S	.9	3.0	1.6	.2							5.7	5.6
SSW	1.2	3.3	3.4	.2							8.2	6.3
SW	1.3	5.7	1.8	.5							9.4	5.7
WSW	.4	3.1	1.2								4.7	5.4
W	.6	2.7	.9								4.2	5.2
WNW	1.2	5.2	.4								6.8	4.9
NW	1.4	4.1	1.4								6.9	5.1
NNW	1.6	5.3	1.3	.3							8.5	5.3
VARIABLE												
CALM	////////////////////										22.6	////
TOTALS	12.8	45.6	16.7	2.4							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: AUG HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.7	7.2	5.6	.5							15.1	6.1
NNE	.5	2.8	1.3	.3							4.9	5.8
NE	.5	2.2	.9	.3	.1						4.0	6.4
ENE	.4	1.4	1.3	.2	.1						3.4	6.7
E	.2	2.0	.9	.1							3.2	5.9
ESE	.1	1.2	.5								1.8	5.6
SE	.2	.4	.3								1.0	5.0
SSE	.4	1.1	.5	.2							2.3	5.7
S	.5	1.8	1.5	.4							4.3	6.5
SSW	.8	2.7	3.0	1.1							7.5	7.3
SW	.2	4.4	3.1	1.2							8.9	7.0
WSW	.3	2.9	1.6	.4							5.3	6.2
W	.2	2.6	2.3	.1							5.2	6.5
WNW	.3	1.5	.9	.3							3.0	6.3
NW	.6	3.9	1.8	.3							6.7	5.8
NNW	.9	4.5	2.5	.6	.1						8.6	6.3
VARIABLE												
CALM	////////////////////										14.8	////
TOTALS	8.1	42.6	28.0	6.2	.3						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: AUG HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.6	4.2	4.2	.8							9.8	6.8
NNE	.2	2.6	2.7	1.0	.1						6.6	7.6
NE	.1	2.6	2.9	.4	.2						6.2	7.6
ENE	.1	2.2	2.9	.8	.1						6.0	7.8
E	.5	3.2	3.3	.4							7.5	6.6
ESE	.1	1.3	1.6								3.0	6.9
SE	.1	1.1	1.4	.1							2.7	6.8
SSE	.1	.6	1.7	.2							2.7	8.1
S	.4	1.0	3.0	1.5	.1						6.0	8.7
SSW	.1	1.4	2.9	1.6							6.0	8.6
SW	.4	2.4	4.7	3.0							10.5	8.5
WSW	.4	1.7	2.0	1.5							5.7	8.0
W	.5	3.4	3.4	1.1							8.5	7.3
WNW	.3	1.8	1.8	.3							4.3	6.9
NW	.1	2.5	2.4	1.5							6.5	8.1
NNW	.5	2.0	2.2	.8							5.5	7.2
VARIABLE												
CALM	////////////////////										2.5	////
TOTALS	9.8	34.0	43.2	14.9	.5						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: AUG HOURS (LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		.9	2.5	.4							3.8	8.4
NNE	.1	.8	1.4	.4							2.7	8.0
NE		1.4	1.1	.4	.1						3.0	8.0
ENE		1.7	3.1	1.8	.1						6.8	9.2
E	.1	1.3	6.6	1.3							9.2	8.5
ESE		1.1	4.2	.1							5.4	8.1
SE	.1	2.2	4.6	.4							7.3	7.6
SSE		1.5	3.8	1.8							7.1	8.8
S	.1	.4	4.5	6.1	.1						11.3	10.9
SSW	.1	1.0	2.7	2.8							6.6	9.7
SW	.2	1.4	2.6	2.7	.1						7.0	9.5
WSW	.2	1.0	2.0	1.2							4.4	8.9
W	.1	1.8	4.2	3.2	.1						9.5	9.2
WNW	.3	.9	3.1	.9	.2						5.4	8.5
NW	.2	1.8	2.6	1.4	.1						6.1	8.5
NNW	.2	1.3	1.7	.9	.1						4.2	8.1
VARIABLE												
CALM	////////////////////										.3	////
TOTALS	1.8	20.3	50.6	25.9	1.0						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
ATK WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: AUG HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.1	.6	1.7	.4							2.9	7.9
NNE		.4	.5	.3							1.3	8.7
NE		.4	2.4	.3							3.1	8.6
ENE		1.0	3.8	1.0	.1						5.8	8.6
E	.2	3.1	5.9	.9	.1						10.2	7.6
ESE	.1	1.1	3.7	.8							5.6	8.2
SE		2.2	3.5	.1							5.8	7.2
SSE		1.7	4.8	3.0							9.6	9.2
S		.3	9.5	10.9	.2						20.9	10.8
SSW		.5	2.9	2.7	.2						6.3	10.5
SW		.6	1.2	1.8							3.7	9.8
WSW		.4	2.5	1.8							4.7	9.8
W		1.3	4.7	1.8	.1						8.0	9.1
WNW		1.0	1.8	.8							3.5	8.7
NW	.3	1.4	1.9	1.7							5.4	8.5
NNW		.4	1.8	.8	.1						3.1	9.4
VARIABLE												
CALM	////////////////////										.1	////
TOTALS	.8	16.6	52.7	29.0	.9						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: AUG HOURS (LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.2	2.4	1.2	.2								4.0	6.1
NNE	.5	1.5	.8	.5								3.3	6.7
NE	.2	1.7	1.0	.2								3.1	6.3
ENE	.2	1.8	1.7									3.8	6.1
E	.6	4.7	1.6									7.0	5.3
ESE	.2	3.3	1.3									4.8	5.5
SE	.5	2.5	.8									3.8	5.5
SSE	.4	4.2	3.2	.5								8.4	6.6
S	.3	7.0	10.6	2.5								20.4	7.8
SSW	.8	3.9	6.2	1.3								12.2	7.4
SW	.4	3.5	1.3	.3								5.6	6.1
WSW	.5	4.7	1.4	.1								6.8	5.5
W		2.7	1.8	.3		.1						4.9	7.0
WNW		1.7	1.1									2.8	6.2
NW	.1	1.9	.9	.2								3.1	6.2
NNW	.2	1.6	.2	.2								2.3	5.6
VARIABLE													
CALM	////////////////////											3.8	////
TOTALS	5.4	49.2	35.1	6.5		.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: AUG HOURS (LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.9	2.6	1.1	.5								5.1	6.1
NNE	.6	1.9	.3									2.9	4.6
NE	.8	1.4	.3	.3								2.8	5.7
ENE	.5	1.1	.8									2.4	5.2
E	.9	1.4	.6									2.9	4.8
ESE	.4	1.4	.1									1.9	4.4
SE	.4	1.4	.2									2.0	4.9
SSE	1.0	2.9	1.9	.1								5.9	5.8
S	.6	6.0	3.7	1.3								11.6	6.6
SSW	.6	6.7	5.1	1.1	.1							13.5	6.8
SW	1.1	7.5	2.2	.2								11.0	5.5
WSW	1.1	4.0	1.1	.1								6.2	5.1
W	.9	2.4	1.3	.1	.1							4.7	6.1
WNW	.6	1.8	.3	.2								3.0	5.1
NW	.2	3.7	.6									4.5	5.3
NNW	.5	2.0	.8									3.3	5.4
VARIABLE													
CALM	////////////////////											16.1	////
TOTALS	11.2	48.2	20.3	4.0	.2							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: AUG HOURS (LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.8	3.7	2.5	.4							7.4	6.2
NNE	.5	1.6	1.0	.3	.0						3.5	6.3
NE	.3	1.5	1.2	.3	.1						3.4	6.9
ENE	.2	1.4	1.8	.5	.1						4.0	7.5
E	.4	2.1	2.5	.4	.0						5.4	6.8
ESE	.2	1.3	1.4	.1							3.0	6.7
SE	.2	1.3	1.4	.1							3.0	6.6
SSE	.3	1.9	2.2	.8							5.1	7.5
S	.5	3.1	4.7	2.9	.1						11.2	8.4
SSW	.6	3.0	3.8	1.4	.0						8.8	7.6
SW	.6	3.9	2.4	1.2	.0						8.1	6.9
WSW	.6	2.7	1.7	.7							5.6	6.6
W	.4	2.6	2.5	.9	.0	.0					6.3	7.3
WNW	.5	2.1	1.2	.3	.0						4.1	6.4
NW	.5	2.9	1.6	.6	.0						5.7	6.5
NNW	.7	2.5	1.4	.5	.0						5.1	6.4
VARIABLE												
CALM	////////////////////										10.1	////
TOTALS	7.2	37.7	33.2	11.5	.4	.0					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: SEP HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.7	6.4	3.7	.1							11.9	5.7
NNE	.4	2.4	1.7	.2							4.8	6.4
NE	.3	1.0	.7	.3							2.3	6.5
ENE	.6	1.1	.8	.3							2.8	6.1
E	.8	1.9	.3	.8							3.8	6.5
ESE	.2	1.0	.4	.1							1.8	6.3
SE	.1	.4	.4	.2							1.2	7.9
SSE	.1	1.2	.2	.2		.1					1.9	6.9
S	.3	2.3	1.6	.4							4.7	6.5
SSW	.7	2.7	2.6	.4							6.3	6.6
SW	1.0	6.0	3.1	.2							10.3	5.9
WSW	.7	3.7	1.2								5.6	5.6
W	.4	2.1	1.0	.4							4.0	6.5
WNW	.6	2.6	1.0								4.1	5.4
NW	1.4	4.1	.9	.7							7.1	5.5
NNW	1.4	3.3	1.2	.2							6.2	5.3
VARIABLE												
CALM	////////////////////										21.2	////
TOTALS	10.8	42.3	20.8	4.8		.1					100.0	4.7

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: SEP HOURS (LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.3	7.9	4.1	.3								13.7	5.7
NNE	1.2	3.6	.7	.7								6.1	5.7
NE	.4	.4	.8	.4								2.1	7.2
ENE	.9	1.2	.3	.2								2.7	5.0
E	.9	1.2	.4	.1	.2	.1						3.0	6.9
ESE		.8	.1	.1								1.0	6.3
SE		.9										.9	5.0
SSE		.4	.3	.4		.2	.1					1.6	12.6
S	.1	2.0	1.3	.4								3.9	7.1
SSW	.9	2.7	1.3	.2								5.1	5.6
SW	1.1	3.9	1.4	.6								7.0	5.9
WSW	.7	2.1	2.1	.1								5.0	5.9
W	.4	2.3	1.6	.6								4.9	6.6
WNW	.3	2.4	.6	.1								3.4	5.5
NW	2.1	6.1	1.6	.1								9.9	4.9
NNW	2.0	4.3	2.1	.3								8.8	5.4
VARIABLE													
CALM	////////////////////											21.0	////
TOTALS	12.4	42.3	18.8	4.8	.2	.3	.1					100.0	4.7

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 7A-87  
MONTH: SEP HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.9	8.4	7.0	.4							17.8	6.2
NNE	.8	3.9	2.3	.6							7.6	6.2
NE	.7	2.8	.4	.6							4.4	6.0
ENE	.4	1.0	.8	.1		.2					2.6	7.7
E	.4	1.2	.6	.1							2.3	5.4
ESE	.2	.6	.6	.1		.1					1.6	7.7
SE		.6	.1								.7	4.8
SSE	.4	.3	.6	.1	.1						1.6	7.1
S	.3	1.1	1.0	.7	.1	.1					3.3	8.6
SSW	.4	2.7	2.2	.3		.2					5.9	7.1
SW	.7	3.4	1.4	.9							6.4	6.4
WSW	.9	3.4	1.9	.3							6.6	5.7
W	.7	2.4	2.3	.1							5.6	6.3
WNW	.4	2.1	1.7	.6							4.8	7.0
NW	1.4	2.7	1.7	.2							6.0	5.6
NNW	.8	3.3	2.3	.2	.1						6.8	6.3
VARIABLE												
CALM	////////////////////										16.2	////
TOTALS	10.6	40.0	26.9	5.3	.3	.7					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: SEP HOURS (LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	3.3	6.3	1.3							11.2	8.0
NNE	.2	1.9	3.9	.8							6.8	7.9
NE	.1	3.3	4.0	1.4							8.9	7.8
ENE	.1	1.9	2.9	2.2							7.1	8.8
E	.9	1.8	3.2	.6							6.4	7.0
ESE	.3	1.6	1.3	.4							3.7	6.7
SE	.4	1.8	1.9	.6							4.7	6.9
SSE	.1	.8	1.3	.1	.2						2.6	8.6
S	.3	1.1	1.2	1.4	.2						4.3	9.0
SSW	.3	1.0	2.0	1.0	.1						4.4	8.3
SW	.2	1.3	2.8	2.7	.1						7.1	9.7
WSW		1.7	2.8	1.2							5.7	8.5
W	.6	1.9	4.4	1.2				.1			8.2	8.1
WNW	.2	.8	2.0	2.0	.1		.1				5.2	10.1
NW	.6	.7	2.0	2.2	.3						5.8	9.9
NNW	.2	1.0	2.6	1.0	.1						4.9	8.5
VARIABLE												
CALM	////////////////////										3.0	////
TOTALS	4.9	25.8	44.7	20.2	1.2		.1	.1			100.0	8.1

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: SEP HOURS(IST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		1.7	2.7	.6							4.9	7.8
NNE		1.9	1.8	.8							4.4	7.6
NE		.7	1.7	2.0							4.3	9.8
ENE	.1	1.3	3.9	1.9							7.2	9.1
E	.1	2.2	5.0	.9							8.2	7.9
ESE	.1	1.6	3.0	1.2							5.9	8.1
SE	.1	1.9	5.2	.4							7.7	7.6
SSE	.1	1.2	3.8	.9							6.0	8.2
S		1.1	2.8	3.6	.2	.1					7.8	10.5
SSW	.1	.8	1.2	2.4	.1						4.7	10.3
SW	.4	.7	2.7	2.8							6.6	9.8
WSW		1.0	2.6	1.8	.1	.1					5.6	10.0
W	.3	1.6	3.0	2.8							7.7	9.1
WNW	.3	1.0	1.4	3.0	.2	.1					6.1	10.3
NW		1.3	2.1	2.0	.1						5.6	9.8
NNW	.2	1.7	2.9	1.3	.1						6.2	8.5
VARIABLE												
CALM	////////////////////										1.2	////
TOTALS	2.0	21.6	45.7	28.3	.9	.3					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: SEP HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.2	1.7	1.9	.2								4.0	7.0
NNE	.1	.2	1.7	.2								2.2	8.1
NE	.1	1.4	2.2	.8	.1							4.7	8.2
ENE		1.0	3.9	1.3								6.2	8.8
E	.1	2.2	6.4	.7								9.4	7.8
ESE		1.8	3.9	.6								6.2	7.7
SE	.1	2.0	3.8	.4								6.3	7.3
SSE		1.7	6.3	1.4								9.4	8.6
S		1.2	10.6	5.3								17.1	9.7
SSW		.9	2.6	1.8	.3							5.6	10.2
SW		.2	3.0	1.1	.1							4.4	9.5
WSW	.1	.4	2.2	1.9	.1							4.8	9.8
W		.9	2.2	2.4	.1	.1						5.8	10.4
WNW		.8	2.8	1.2	.1							4.9	9.2
NW		.4	2.3	1.6								4.3	9.8
NNW		.9	2.8	.4								4.1	8.2
VARIABLE													
CALM	////////////////////											.4	////
TOTALS	.8	17.8	58.6	21.4	.9	.1						100.0	8.8

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: SEP HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.8	3.0	1.3	.2							5.3	5.8
NNE	.4	2.9	1.2	.2							4.8	6.0
NE	.6	2.1	1.3	.7							4.7	6.8
ENE	.9	3.3	.6	.6							5.3	5.8
E	.6	4.3	1.0	.1							6.0	5.3
ESE	.6	2.2	.7	.2							3.7	5.8
SE	.3	3.2	.9	.1							4.6	5.4
SSE	.1	3.9	1.6	.4							6.0	6.3
S	1.0	7.7	7.0	1.8	.1						17.6	7.2
SSW	.4	4.3	5.1	.7							10.6	6.9
SW	.3	2.7	1.4	.2	.1						4.8	6.3
WSW	.1	2.2	1.2								3.6	5.7
W	.3	2.3	1.8	.1							4.6	6.3
WNW	.1	2.0	1.0	.1							3.2	6.3
NW	.6	2.1	.8	.1							3.6	5.3
NNW		1.8	.8	.2							2.8	6.2
VARIABLE												
CALM	////////////////////										9.1	////
TOTALS	7.1	50.1	27.7	5.8	.2						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: SEP HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	5.2	2.3								8.2	5.5
NNE	.7	1.8	.9	.2							3.6	5.8
NE	.3	.6	1.1	.8							2.8	8.4
ENE	.7	1.7	1.1	.3							3.8	6.1
E	.6	2.0	.9	.1	.1						3.7	6.1
ESE	.3	1.7	.3	.4							2.8	6.7
SE	.4	1.0	.7	.2	.1						2.4	6.7
SSE	.2	1.2	.1								1.6	4.6
S	.6	3.1	2.0	1.0							6.7	7.2
SSW	.4	5.1	3.6	.6							9.7	6.4
SW	1.2	5.4	2.7	.4							9.8	5.8
WSW	.4	3.7	1.7	.1							5.9	5.7
W	.8	1.6	1.1	.1							3.6	5.8
WNW	.4	2.6	.9	.2							4.1	5.7
NW	1.0	2.3	.8	.6							4.7	5.9
NNW	.7	2.8	.8	.1							4.3	5.2
VARIABLE												
CALM	////////////////////										22.6	////
TOTALS	9.4	41.7	20.9	5.2	.2						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: SEP HOURS(1ST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.8	4.7	3.7	.4							9.6	6.3
NNE	.5	2.3	1.8	.5							5.0	6.6
NE	.3	1.5	1.5	.9	.0						4.3	7.7
ENE	.5	1.6	1.8	.9		.0					4.7	7.6
E	.5	2.1	2.2	.4	.0	.0					5.4	6.9
ESE	.2	1.4	1.3	.4		.0					3.3	7.1
SE	.2	1.5	1.6	.2	.0						3.6	6.8
SSE	.1	1.3	1.8	.5	.0	.0	.0				3.8	7.9
S	.3	2.5	3.4	1.8	.1	.0					8.2	8.4
SSW	.4	2.5	2.6	.9	.1	.0					6.5	7.5
SW	.6	3.0	2.3	1.1	.0						7.1	7.2
WSW	.4	2.3	2.0	.7	.0	.0					5.3	7.1
W	.4	1.9	2.2	1.0	.0	.0		.0			5.5	7.7
WNW	.3	1.8	1.4	.9	.1	.0	.0				4.5	7.8
NW	.9	2.5	1.5	.9	.1						5.9	6.8
NNW	.7	2.4	1.9	.5	.0						5.5	6.6
VARIABLE												
CALM	////////////////////////////////////										11.8	////
TOTALS	7.2	35.2	33.0	12.0	.5	.2	.0	.0			100.0	6.4

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY TAP NJ

PERIOD OF RECORD: 78-87  
MONTH: OCT HOURS (LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.1	7.7	3.9	1.1								13.8	6.4
NNE	.6	1.7	1.1	.3								3.8	6.2
NE	.2	.5	1.1	.3								2.2	7.7
ENE	.3	.4	.8	.6								2.2	8.0
E	.5	.3	1.0	.1								1.9	6.7
ESE	.1	.3	.1									.5	4.6
SE	.5	.3	.5									1.4	5.4
SSE	.2	.6	.6									1.5	6.1
S	.2	1.5	1.9	1.0								4.6	7.8
SSW	.9	3.9	2.4	.6								7.7	6.5
SW	1.3	3.4	2.8	.3								7.8	6.0
WSW	.5	2.0	2.2	.6	.2	.1						5.7	7.6
W	.5	3.8	2.5	.8								7.5	6.8
WNW	1.0	2.3	2.3	.3								5.8	6.4
NW	.5	3.8	1.0	.3	.2							5.8	6.1
NNW	1.0	4.3	.6	.3								6.2	5.2
VARIABLE													
CALM	////////////////////											21.5	////
TOTALS	9.6	37.0	24.6	6.8	.4	.1						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: OCT HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.5	7.3	4.3	1.0								14.1	6.2
NNE	.1	2.6	1.7	.9								5.3	7.2
NE	.2	.4	1.4	.3								2.4	8.0
ENE	.4	.3	.6	.3								1.7	6.8
E	.1	1.1	.6	.3								2.2	6.7
ESE	.2	.3	.1									.6	5.0
SE	.2	.4	.2	.1								1.0	6.2
SSE	.2	.4	.5	.2								1.4	7.2
S	.4	2.0	.8	.2	.1							3.5	6.1
SSW	.3	3.8	2.5	.4								7.0	6.3
SW	1.1	3.5	1.4	.2								6.2	5.4
WSW	.8	2.5	2.8	.5								6.6	6.6
W	.6	3.2	3.9	.4								8.2	6.7
WNW	.8	2.5	1.3	.8								5.3	6.7
NW	1.2	4.1	1.5	.3								7.1	5.5
NNW	1.7	4.8	.8									7.3	4.8
VARIABLE													
CALM	////////////////////											20.2	////
TOTALS	9.9	39.4	24.4	6.0	.1							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: OCT HOURS(IST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.9	7.6	5.4	1.0							14.8	6.6
NNE	.4	2.0	2.2	.5							5.2	7.0
NE	.1	1.0	1.0	.5	.2	.1					2.9	9.1
ENE		1.0	.8	1.0							2.7	8.6
E	.8	.8	.6	.1	.3	.1					2.7	7.3
ESE	.2	.3	.3	.1							1.0	6.3
SE		.9	.4	.1							1.4	6.5
SSE	.1	1.0	.2	.2							1.5	6.2
S	.4	1.5	1.3	.4							3.7	6.9
SSW	.2	1.7	3.0		.2						5.2	7.5
SW	.8	3.5	2.0	.5							6.9	6.3
WSW	.6	3.0	1.8	.2	.1						5.8	6.2
W	.4	2.9	4.1	1.1							8.5	7.6
WNW	.9	2.9	2.9	1.2							7.8	7.1
NW	.8	3.2	1.5	.8							6.2	6.2
NNW	1.3	3.0	2.5	.4							7.2	6.0
VARIABLE												
CALM	////////////////////										16.6	////
TOTALS	7.8	36.3	30.0	8.2	.9	.2					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: OCT HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.1	3.0	5.3	2.5	.1							11.0	8.4
NNE	.2	2.4	2.9	2.3	.1							7.8	8.6
NE	.1	1.1	1.9	1.9	.4							5.5	9.6
ENE		1.6	1.9	1.9	.1							5.6	9.3
E	.1	1.3	1.2	.9	.3	.1						3.9	9.5
ESE	.1	1.3	.1	.4	.1		.1					2.2	8.3
SE	.2	1.0	1.5	.3								3.0	7.5
SSE	.1	.9	1.8	.2								3.0	7.6
S	.1	1.2	2.3	1.9	.2							5.7	9.7
SSW		1.1	2.8	1.3								5.2	9.1
SW		1.7	2.4	2.8	.4							7.3	9.9
WSW	.2	1.4	2.9	1.8	.2							6.6	9.2
W	.5	1.9	3.5	1.5	.5							8.1	8.9
WNW		1.6	2.5	3.3	.3							7.7	10.0
NW	.5	.4	2.4	3.8	.9							8.0	11.3
NNW		2.9	3.0	1.3								7.2	7.8
VARIABLE													
CALM	////////////////////											2.4	////
TOTALS	2.4	24.7	38.4	28.2	3.8	.1	.1					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: OCT HOURS (LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	2.7	2.6	1.8							7.3	8.2
NNE	.2	1.6	1.3	.3							3.4	6.8
NE	.1	.6	2.0	1.9	.5						5.3	10.6
ENE	.1	1.4	1.8	3.0	.1						6.5	9.9
E	.1	1.2	3.2	1.1							5.6	8.6
ESE	.1	.8	1.7	.2							2.8	7.7
SE	.3	1.2	2.6	.3							4.4	7.3
SSE		1.0	2.4	1.2	.1						4.6	9.2
S	.4	1.8	3.7	4.3	.4						10.6	10.0
SSW	.1	.5	2.3	1.8	.2	.1					5.1	10.3
SW		.6	2.7	2.3	.4						6.0	10.8
WSW	.1	.9	2.3	2.9	.2						6.3	10.7
W	.3	1.1	4.3	2.9	.3						8.9	9.8
WNW	.2	1.4	3.3	3.5	.5	.2					9.2	10.6
NW	.1	1.2	2.7	4.3	.3						8.1	10.9
NNW	.2	1.1	1.9	1.5							4.7	9.0
VARIABLE												
CALM	////////////////////											1.1
TOTALS	2.7	19.0	40.2	33.4	1.2	.3					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: OCT HOURS(LST): 1500-1700

DIRECTION DEGREES	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.2	1.1	2.3	.8	.1	.1					4.5	8.5
NNE	.1	.8	1.2	.4	.1						2.6	8.0
NE		.5	1.8	1.9	.1						4.4	10.2
NNE	.2	1.2	2.7	1.2	.1						5.4	8.4
E	.3	2.2	4.6	1.1							8.2	7.9
ESE	.2	2.2	2.9	.2							5.5	6.9
SE		.8	2.0	.1							2.9	7.0
SSE	.1	1.5	3.0	.6	.1						5.4	8.1
S	.2	2.0	9.4	3.1	.8						15.5	9.5
SSW	.1	.5	2.6	1.5							4.7	9.6
SW		.9	2.6	2.0	.3						5.8	9.7
WSW	.1	1.4	2.8	1.1							5.4	8.4
W	.1	2.2	3.7	1.9	.3						8.2	8.9
WNW		.9	3.9	2.5	.3	.1					7.6	10.2
NW	.3	1.9	3.0	3.0	.3						8.6	9.5
NNW		1.3	1.9	.8							4.0	8.6
VARIABLE												
CALM	////////////////////										1.4	////
TOTALS	2.0	21.2	50.3	22.3	2.6	.2					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: OCT HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.6	2.8	1.6	.6							6.7	6.2
NNE	.5	2.5	.2	.3							3.5	5.9
NE	.6	2.8	.5	.2	.3						4.5	6.1
ENE	.4	2.2	1.5	1.1							5.2	7.3
E	1.0	2.4	1.1	.4							4.8	6.1
ESE	.4	1.5	.1	.1							2.2	5.2
SE	.4	.8	.3								1.5	5.2
SSE	.1	1.4	.9	.5							2.9	7.2
S	.6	4.9	5.2	1.5	.3	.1					12.7	7.6
SSW	.3	4.5	2.6	1.1	.2						8.7	7.1
SW	.9	4.0	1.7	.2	.1						6.9	5.9
WSW	.5	3.5	1.3	.2	.2						5.8	6.4
W	.9	2.9	2.7	1.0	.3						7.7	7.5
WNW	.6	2.7	2.4	.3							6.0	6.2
NW	.4	1.5	.6	.8							3.3	7.2
NNW	.4	1.8	1.2	.5							4.0	6.9
VARIABLE												
CALM	////////////////////										13.5	////
TOTALS	9.9	42.2	23.9	8.9	1.5	.1					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: OCT HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.2	4.2	2.5	.8	.1						8.7	6.3
NNE	.6	3.0	1.3	.4							5.4	6.2
NE		1.4	.9	.5							2.8	7.5
ENE		.6	.4	.6							1.7	8.9
E	.1	1.4	.6	.3							2.5	6.7
ESE	.1	.3	.3								.8	6.0
SE	.2	1.2				.1					1.5	6.0
SSE	.1	1.3	.3	.4							2.2	6.8
S	.1	3.0	1.9	1.4							6.5	7.8
SSW	.8	4.0	2.6	1.1							8.4	6.7
SW	1.1	4.0	1.6	.2	.1						7.0	5.7
WSW	1.6	2.3	2.5	.6	.4						7.4	7.0
W	.9	3.1	2.3	1.1	.1						7.4	6.9
WNW	.6	2.3	1.6	.4							4.9	6.4
NW	1.5	3.4	1.3	.2	.2						6.7	5.9
NNW	1.1	2.6	1.5	.5	.1						5.8	6.2
VARIABLE												
CALM	////////////////////										20.4	////
TOTALS	10.0	38.1	21.6	8.7	1.1	.1					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: OCT HOURS (LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.8	4.6	3.5	1.2	.0	.0						10.1	6.9
NNE	.4	2.1	1.5	.7	.0							4.6	7.1
NE	.2	1.0	1.3	1.0	.2	.0						3.7	8.8
ENE	.2	1.1	1.3	1.2	.0							3.9	8.6
E	.4	1.3	1.6	.5	.1	.0						4.0	7.6
ESE	.2	.9	.7	.1	.0		.0					1.9	6.8
SE	.2	.8	1.0	.1		.0						2.1	6.7
SSE	.1	1.0	1.2	.4	.0							2.8	7.7
S	.3	2.3	3.3	1.7	.2	.0						7.8	8.6
SSW	.3	2.5	2.6	1.0	.1	.0						6.5	7.6
SW	.6	2.7	2.2	1.1	.2							6.7	7.4
WSW	.6	2.1	2.3	1.0	.2	.0						6.2	7.7
W	.5	2.6	3.4	1.3	.2							8.1	7.9
WNW	.5	2.1	2.5	1.5	.1	.0						6.8	8.3
NW	.7	2.4	1.7	1.7	.2							6.7	8.1
NNW	.7	2.7	1.7	.7	.0							5.8	6.6
VARIABLE													
CALM	////////////////////											12.1	////
TOTALS	6.8	32.2	31.7	15.3	1.7	.1	.0					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: NOV HOURS(IST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.3	3.0	3.7	.8	.1	.1					9.0	7.1
NNE	.3	2.0	1.6	.4							4.3	6.6
NE	1.1	.6	.9	.7							3.2	7.0
ENE	.6	.9	.8	.9							3.1	8.0
E	.3	.3	.8	.7	.1	.1					2.3	9.7
ESE	.1	.3	.1	.1							.7	7.3
SE	.2	.2	.2	.1							.8	5.9
SSE	.1	.7	1.1	.2	.1						2.2	8.0
S	.1	1.7	2.7	1.3	.4						6.2	9.3
SSW	.3	2.0	2.8	2.1	.3	.1					7.7	9.2
SW	.9	2.8	2.3	.6							6.6	6.5
WSW	.6	2.1	3.0	1.0							6.7	7.3
W	.3	3.1	3.6	1.6	.1						8.7	7.7
WNW	.8	3.7	2.2	2.1	.1						8.9	7.8
NW	1.4	4.1	2.8	2.1	.3						10.8	7.5
NNW	.9	3.0	2.1	.8	.1						6.9	6.9
VARIABLE												
CALM	////////////////////										12.0	////
TOTALS	9.4	30.4	30.6	15.4	1.8	.3					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: NOV HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.0	4.3	4.9	.6								10.8	6.5
NNE	.2	2.0	1.4	.4								4.1	7.3
NE	.8	.4	.8	.4								2.4	6.7
ENE	.2	.4	2.0	1.9								4.6	9.6
E	.2	.6	.4	.3								1.6	7.4
ESE	.1	.3	.3	.1								.9	6.5
SE	.1	.4										.6	4.6
SSE		1.0	1.0	.4								2.4	8.2
S	.3	2.0	1.9	.7	.1							5.0	7.4
SSW	.2	1.9	2.6	1.7								6.3	8.4
SW	.7	3.6	2.2	1.0	.2							7.7	7.3
WSW	.6	3.4	2.7	.8								7.4	6.9
W	.8	2.4	3.9	1.4								8.6	7.6
WNW	.7	4.0	2.8	2.3								9.8	7.7
NW	1.1	2.9	2.7	1.6	.3	.1						8.7	7.9
NNW	1.0	2.8	1.9	.9	.1							6.7	6.7
VARIABLE													
CALM	////////////////////											12.6	////
TOTALS	8.0	32.6	31.4	14.6	.8	.1						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: NOV HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.0	2.9	4.4	.6	.2						9.1	7.2
NNE	.2	2.9	2.2	.7	.1						6.1	6.9
NE	.3	.9	.3	.9							2.4	7.3
ENE	.4	.9	.9	1.8	.2						4.2	9.8
E	.4	.9	1.6	.6							3.4	7.4
ESE	.2	.3	.2								.8	4.9
SE	.2	.3	.3								.9	6.4
SSE	.1	.9	.6	.4							2.0	7.9
S	.3	1.0	1.3	.9	.1						3.7	8.6
SSW	.6	1.7	1.3	1.8							5.3	8.0
SW	1.0	3.6	1.9	.9	.1						7.4	6.7
WSW	1.1	3.0	3.4	1.3							8.9	7.1
W	.4	3.3	3.1	2.7	.3						9.9	8.7
WNW	.4	2.7	3.0	2.7	.2						9.0	8.7
NW	.7	2.1	2.4	1.2	.4						6.9	8.2
NNW	1.4	2.8	2.3	.9	.2						7.7	6.9
VARIABLE												
CALM	////////////////////										12.2	////
TOTALS	9.0	30.1	29.4	17.2	2.0						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: NOV HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.6	2.1	5.1	2.2							10.0	8.5
NNE	.2	1.9	3.4	1.1							6.7	8.1
NE	.3	.6	.8	.3							2.0	7.4
ENE	.3	.8	1.8	2.4	.1						5.4	10.2
E	.2	1.0	2.6	2.8							6.6	10.0
ESE	.1	.3	.8	.3							1.6	8.1
SE	.1	.3	.9	.1							1.4	7.2
SSE	.3	.3	.9	.8	.2	.1					2.7	10.3
S		1.0	1.1	1.9	.1						4.1	10.0
SSW		.8	1.8	1.4	.6	.1					4.7	10.7
SW	.2	1.0	1.8	1.6	.4	.1					5.1	10.1
WSW	.1	1.4	3.1	2.7	.1	.1					7.6	9.8
W	.1	1.6	3.7	4.0	1.2	.1					10.7	11.0
WNW	.4	.9	3.4	3.6	1.2						9.6	11.1
NW	.1	1.4	3.4	4.2	1.4	.1					10.8	11.4
NNW	.2	.6	2.4	3.2	.4						6.9	10.6
VARIABLE												
CALM	////////////////////										4.3	////
TOTALS	3.4	16.0	37.0	32.7	5.9	.7					100.0	9.6

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: NOV HOURS(151): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.1	2.3	2.3	1.6	.1						6.4	8.4
NNE		.6	2.2	.9							3.7	8.8
NE		.4	1.2	1.0	.2						2.9	10.0
ENE		.2	1.3	3.0	.3						4.9	12.0
E	.1	.9	3.6	1.7							6.2	9.2
ESE	.2	1.1	1.4	.9							3.7	8.2
SE	.1	1.7	.9	.1							2.8	6.2
SSE	.1	1.2	2.0	.7		.1					4.1	8.6
S	.1	1.4	3.0	3.3	.7	.2					8.8	10.7
SSW		.8	1.0	1.7	.3	.1					3.9	10.9
SW	.2	.8	1.2	1.8	.6	.1					4.7	10.9
WSW	.1	.8	1.3	2.2	.4	.1					5.0	11.6
W	.4	1.2	3.4	6.9	1.4	.3					13.8	12.0
WNW	.2	.9	2.4	4.2	2.1	.2					10.1	12.7
NW		.8	3.0	5.9	1.6	.6					11.8	12.9
NNW		.8	2.2	2.6	.3						5.9	10.8
VARIABLE												
CALM	////////////////////										1.4	////
TOTALS	1.8	15.9	32.7	38.3	8.1	1.8					100.0	10.7

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: NOV HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.1	1.7	2.2	.7							4.7	7.8
NNE	.2	.4	1.9	.3							2.9	8.0
NE	.1	1.1	1.6	.8							3.6	8.3
ENE		1.0	2.2	1.7							4.9	9.6
E	.1	1.7	3.6	.8	.2						6.3	8.3
ESE	.1	1.4	1.1	1.0	.2						3.9	8.9
SE	.1	.8	.9	.9							2.7	8.8
SSE		1.7	2.9	1.1							5.7	8.4
S	.3	3.0	4.6	3.4	.7	.1					12.1	9.7
SSW	.3	1.2	1.3	.7	.1						3.7	8.2
SW		.8	2.0	.8	.1						3.7	8.9
WSW	.1	1.1	1.8	1.7	.1						4.8	9.5
W	.2	1.8	4.2	4.4	.2	.1					11.0	10.0
WNW	.1	1.7	3.4	4.7	1.2	.1					11.2	11.4
NW	.1	2.4	2.8	4.3	1.0	.4					11.1	11.2
NNW		1.3	3.0	1.9	.2						6.4	9.3
VARIABLE												
CALM	////////////////////										1.4	////
TOTALS	2.0	23.1	39.4	29.1	4.1	.8					100.0	9.4

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: NOV HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.8	2.4	2.7	1.0	.2						7.1	7.5
NNE	.1	1.1	2.0	.4							3.7	7.5
NE		.8	.8	.9							2.4	9.0
ENE	.3	1.1	1.2	1.6							4.2	8.7
E	.2	2.2	.9	.6		.1					4.0	7.1
ESE	.2	1.4	.4	.7							2.8	7.3
SE	.3	1.1	.4	.7	.1						2.7	7.9
SSE	.3	1.0	.7	1.2							3.2	8.6
S	.8	3.6	2.4	2.2	.7	.2					9.9	8.7
SSW	.9	4.1	1.8	.6	.3						7.7	6.7
SW	.4	3.6	1.4	.1	.1						5.7	5.9
WSW	.2	2.7	2.0	.3							5.2	6.6
W	.6	3.0	3.6	1.7	.2						9.0	8.1
WNW	.7	1.9	3.1	2.2							7.9	8.7
NW	.4	2.8	2.7	2.0	.3						8.2	8.8
NNW	.6	2.9	1.9	1.6							6.9	7.4
VARIABLE												
CALM	////////////////////										5.4	////
TOTALS	6.9	35.7	28.0	17.7	2.0	.3					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: NOV HOURS (LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.3	3.0	2.9	.8	.1							7.1	7.4
NNE	.3	2.0	1.6	1.0	.1							5.0	7.8
NE	.4	.7	.4	.2								1.8	6.3
ENE	.2	.4	.8	1.4	.1							3.0	10.4
E	.4	.6	.6	.3	.3							2.2	9.2
ESE	.3	.7	.9	.2								2.1	6.9
SE	.8	.7	.1	.7	.1							2.3	7.3
SSE		.8	1.4	.7	.2							3.1	9.2
S	.3	1.4	3.3	1.3	.5							7.0	9.3
SSW	.4	2.3	3.2	1.2	.2	.2						7.7	8.5
SW	.9	3.2	1.4	.6								6.1	6.1
WSW	1.4	2.4	2.7	.2								6.8	6.0
W	.3	3.4	3.1	2.0	.1							9.0	8.0
WNW	.6	2.7	2.8	1.7	.1							7.8	7.8
NW	.8	3.0	2.1	3.2								9.1	8.6
NNW	.6	2.3	2.0	1.0								5.9	7.4
VARIABLE													
CALM	////////////////////											14.0	////
TOTALS	8.2	29.7	29.3	16.6	2.0	.2						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: NOV HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	2.7	3.5	1.0	.1	.0					8.0	7.5
NNE	.2	1.6	2.0	.7	.0						4.6	7.6
NE	.4	.7	.8	.7	.0						2.6	7.8
ENE	.3	.7	1.4	1.8	.1						4.3	9.9
E	.3	1.0	1.7	1.0	.1	.0					4.1	8.7
ESE	.2	.7	.7	.4	.0						2.0	7.8
SE	.2	.7	.5	.3	.0						1.8	7.2
SSE	.1	.9	1.3	.7	.1	.0					3.2	8.7
S	.3	1.9	2.5	1.9	.4	.1					7.1	9.3
SSW	.3	1.8	2.0	1.4	.2	.1					5.9	8.6
SW	.5	2.4	1.8	.9	.2	.0					5.9	7.5
WSW	.5	2.1	2.5	1.3	.1	.0					6.5	7.9
W	.4	2.5	3.6	3.1	.5	.1					10.1	9.4
WNW	.5	2.3	2.9	2.9	.6	.0					9.3	9.6
NW	.6	2.4	2.7	3.1	.7	.2					9.7	9.8
NNW	.6	2.1	2.2	1.6	.2						6.7	8.2
VARIABLE												
CALM	////////////////////										8.4	////
TOTALS	6.1	26.7	32.2	22.7	3.3	.5					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: DEC HOURS (LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.8	2.6	3.4	.5							7.3	6.9
NNE	.5	1.2	1.5	.2							3.4	6.6
NE	.1	.8	.1	.3							1.3	7.0
ENE	.1	.4	.5	.4							1.5	8.2
E	.3	.1	.2	.9	.2						1.7	11.1
ESE	.3	1.0	.2	.4	.1						2.0	7.0
SE	.1	.4	.4								1.0	6.0
SSE	.1	.5	.1	.1	.2						1.1	8.7
S	.5	2.2	1.3	1.0	.1						5.1	7.3
SSW	.6	3.3	2.6	1.4	.1						8.1	7.4
SW	.3	2.0	3.0	1.8	.1						7.3	8.4
WSW	.3	2.5	2.4	1.7							6.9	8.2
W	.3	2.0	4.5	2.8	1.0	.1					10.8	9.8
WNW	.5	4.6	5.2	2.5	.9						13.7	8.5
NW	1.0	3.3	2.8	2.2	.4						9.7	8.2
NNW	.4	2.7	2.9	1.0	.1						7.1	7.7
VARIABLE												
CALM	////////////////////										12.2	////
TOTALS	6.5	29.7	31.2	17.2	3.2	.1					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: DEC HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4	2.9	3.3	.8							7.4	7.2
NNE	.4	1.9	1.8	.3							4.5	7.0
NE	.2	.9	.3	.5							1.9	7.3
ENE	.1	.6	.2	.8	.1						1.8	9.1
E		.8	.3	.2	.1						1.4	7.8
ESE	.2	.4	.4	.3							1.4	7.6
SE	.2	.3	.1								.6	4.7
SSE		.4	.1	.2							.8	7.7
S	.4	1.8	1.3	.4	.2						4.2	7.5
SSW	.6	2.3	1.4	.8	.4						5.5	7.6
SW	.5	2.2	2.9	1.3	.4						7.3	8.3
WSW	.3	2.8	3.2	1.3		.2					7.8	8.2
W	.1	3.0	4.6	4.2	.9	.2					13.0	9.9
WNW	.6	3.5	3.3	3.3	.5						11.4	8.9
NW	.9	4.3	2.2	2.9	.5						10.8	8.4
NNW	.9	3.3	2.0	1.0	.1						7.3	7.0
VARIABLE												
CALM	////////////////////										12.8	////
TOTALS	6.0	31.5	27.6	18.3	3.3	.4					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72407D STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: DEC HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.1	3.0	3.0	1.3								8.4	6.9
NNE	.1	2.2	1.5	.4								4.2	7.0
NE	.3	1.0	1.3	.2								2.8	7.2
ENE	.2	.4	.5	.3								1.5	7.4
E	.1	.6	.4	.6	.2							2.0	10.5
ESE	.3	.6	.5	.3	.1							1.9	8.0
SE	.1	.3	.2									.6	5.7
SSE	.2	.3	.1									.6	5.0
S	.8	1.9	.9	.3	.3							4.2	7.0
SSW	.1	2.0	1.9	.9	.1							5.1	7.9
SW	.3	2.7	3.5	1.0	.9							8.4	8.7
WSW	.4	2.0	3.4	.9	.1	.1						7.0	7.6
W	.4	3.3	4.1	3.7	1.0	.1						12.6	9.8
WNW	.4	2.5	2.4	2.6	.3	.1						8.3	9.0
NW	.4	3.4	3.0	3.1	1.5	.1						11.6	9.9
NNW	.9	3.0	3.2	.8	.1							8.0	6.9
VARIABLE													
CALM	////////////////////											12.8	////
TOTALS	6.2	29.5	30.1	16.3	4.6	.4						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: DEC HOURS(IST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4	2.7	4.3	2.6	.2						10.2	8.6
NNE	.2	2.0	2.7	.3							5.3	6.9
NE	.1	1.4	1.0	.6							3.1	7.5
ENE	.3	.6	.6	.5							2.2	7.9
E	.1	.8	1.1	1.2	.2						3.3	9.6
ESE	.1	.8	.3	.8							1.9	8.7
SE	.1	.2	.3	.5	.2						1.4	11.0
SSE	.3	.5	.3	.1	.1						1.4	7.2
S		1.2	.6	1.1	.2						3.1	9.4
SSW	.1	.8	1.8	1.8	.3						4.8	10.6
SW	.5	.6	2.6	2.3	.2		.1				6.3	9.8
WSW	.1	.9	3.3	2.2	.3	.1					6.9	10.1
W		1.6	4.6	4.2	1.6	.2					12.3	11.3
WNW	.3	1.6	2.8	3.3	1.9	.6					10.6	12.2
NW	.2	2.0	3.7	5.8	1.7	.3					13.8	11.7
NNW	.2	1.4	2.8	3.0	.8						8.2	10.6
VARIABLE												
CALM	////////////////////										5.2	////
TOTALS	3.2	19.1	32.9	30.3	7.8	1.3	.1				100.0	9.7

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: DEC HOURS(IST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N		2.0	2.2	2.0	.3						6.6	9.2
NNE	.1	1.1	.8	.4							2.4	7.8
NE	.1	1.0	2.0	.9							4.0	8.4
ENE		1.1	1.1	1.0							3.1	8.5
E		1.0	1.4	1.0							3.3	8.9
ESE	.1	.4	.9	.9	.1						2.4	10.0
SE	.1	.9	1.0	.4							2.4	7.9
SSE	.2	.9	.8	.2							2.0	6.8
S	.1	.5	2.2	1.9	.1						4.8	10.0
SSW	.1	.5	2.5	1.9	.3						5.4	10.4
SW	.1	.3	2.7	3.1	.2						6.5	10.9
WSW		.8	2.4	2.5	.4						6.0	10.7
W	.1	1.2	4.5	5.1	1.1	1.1	.1				13.1	12.2
WNW		1.1	3.3	4.6	2.8	1.1	.1				13.0	13.6
NW		1.0	4.1	6.1	2.5	.4	.1				14.2	12.9
NNW	.1	1.5	1.9	4.7	.6	.3					9.2	11.5
VARIABLE												
CALM	////////////////////										1.6	////
TOTALS	1.2	15.2	33.5	36.8	8.5	2.9	.3				100.0	10.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: DEC HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	2.6	2.7	1.0							6.6	7.3
NNE		.4	2.0	.1							2.6	7.8
NE	.1	.8	.8	.2							1.8	6.9
ENE		1.4	2.0	.2	.1						3.8	7.9
E	.1	1.3	1.3	1.0							3.7	8.5
ESE	.1	1.4	.5	.8							2.8	7.7
SE	.2	.9	.6								1.7	5.8
SSE	.2	.8	.4	.2			.1				1.7	8.0
S		2.7	4.7	1.9	.2	.1					9.7	8.7
SSW	.1	.8	3.3	1.9							6.1	9.5
SW	.1	1.6	1.9	1.8							5.5	8.7
WSW	.2	1.3	2.9	1.0	.1						5.5	8.4
W	.3	3.3	5.3	3.8	.8	.4					13.9	9.8
WNW	.1	1.6	4.6	4.3	1.7	.6	.1				13.1	12.0
NW	.2	1.5	3.3	4.7	1.2	.3					11.3	11.5
NNW	.1	1.9	2.9	3.3	.2						8.5	9.8
VARIABLE												
CALM	////////////////////										1.8	////
TOTALS	2.3	24.2	39.5	26.2	4.3	1.5	.2				100.0	9.3

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: DEC HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4	2.0	2.2	.9	.1	.1					5.7	7.6
NNE	.1	1.6	1.2	.1							3.0	6.4
NE	.5	.5	.9	.1							2.0	6.2
ENE	.4	.9	1.1	.2	.2						2.8	7.4
E	.2	1.1	.8	.4	.3	.1					2.9	9.0
ESE	.5	.9	.8	1.0							3.1	8.0
SE	.3	1.1	.3	.2							1.9	6.1
SSE	.3	1.1	.3	.1							1.8	5.7
S	.5	3.6	1.6	1.5	.1						7.3	7.4
SSW	.4	2.7	3.9	1.4	.5						8.9	8.5
SW	.8	2.9	1.5	1.2	.1						6.5	7.0
WSW	.2	3.0	.9	.2							4.3	5.9
W	.5	5.6	3.7	2.5	.8						13.0	8.0
WNW	.6	2.8	2.8	2.7	.8	.4					10.1	9.8
NW	1.2	3.7	3.6	2.9	.3						11.6	7.9
NNW	.3	1.8	1.6	1.7	.1	.1					5.7	8.8
VARIABLE												
CALM	////////////////////										9.1	////
TOTALS	7.5	35.2	26.9	17.1	3.3	.8					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS: 928

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: DEC HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.0	2.8	2.0	1.3							7.1	6.8
NNE	.2	1.2	.9	.1							2.4	6.3
NE		1.3	.5	.1							1.9	6.0
ENE	.2	.2	.2		.1						.8	6.7
E	.2	.9	.8	1.1	.4	.1					3.5	10.9
ESE	.6	.9	.2	.3							2.0	6.0
SE	.2	.2	.3	.2		.1					1.1	8.9
SSE	.4	.8	.5	.5							2.3	7.1
S	.3	1.6	1.4	1.0	.2						4.5	8.2
SSW	.4	2.4	3.1	1.9	.2						8.1	8.7
SW	.4	4.0	2.4	1.9							8.7	7.5
WSW	.6	2.3	1.7	.5	.1						5.3	6.9
W	.9	2.2	3.3	2.9	.9	.3					10.5	10.1
WNW	.4	2.6	4.4	2.7	.6						10.8	9.2
NW	1.1	4.6	2.6	1.9	.3	.1					10.7	7.6
NNW	.9	1.8	1.9	1.3							5.9	7.8
VARIABLE												
CALM	////////////////////										14.5	////
TOTALS	8.0	29.7	26.4	17.9	2.9	.6					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: DEC HOURS(IST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.6	2.6	2.9	1.3	.1	.0					7.4	7.6
NNE	.2	1.5	1.5	.3							3.5	7.0
NE	.2	.9	.9	.4							2.4	7.2
ENE	.2	.7	.8	.4	.1						2.2	8.0
E	.1	.8	.8	.8	.2	.0					2.7	9.5
ESE	.3	.8	.5	.6	.0						2.2	7.9
SE	.2	.5	.4	.2	.0	.0					1.3	7.3
SSE	.2	.7	.3	.2	.0		.0				1.5	7.0
S	.3	1.9	1.7	1.1	.2	.0					5.4	8.2
SSW	.3	1.8	2.6	1.5	.3						6.5	8.7
SW	.4	2.0	2.6	1.8	.2		.0				7.1	8.6
WSW	.3	1.9	2.5	1.3	.1	.1					6.2	8.4
W	.3	2.8	4.3	3.6	1.0	.3	.0				12.4	10.1
WNW	.4	2.5	3.6	3.3	1.2	.4	.0				11.4	10.5
NW	.6	3.0	3.1	3.7	1.1	.2	.0				11.7	10.0
NNW	.5	2.2	2.4	2.1	.3	.1					7.5	8.9
VARIABLE												
CALM	////////////////////										8.7	////
TOTALS	5.1	26.8	31.0	22.5	4.8	1.0	.1				107.0	8.2

TOTAL NUMBER OF OBSERVATIONS: 7435

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: ALL HOURS(1ST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	
N	.5	2.8	2.9	1.0	.1	.0					7.2	7.4
NNE	.3	1.5	1.3	.6	.1	.0					3.7	7.5
NE	.2	1.0	1.1	.7	.1	.0	.0				3.1	8.4
ENE	.2	1.0	1.3	.9	.1	.0	.0				3.6	9.0
E	.3	1.5	1.9	.9	.1	.0					4.8	8.3
ESE	.2	1.0	1.1	.5	.1	.0	.0				2.9	7.7
SE	.2	1.0	1.1	.3	.1	.0					2.8	7.6
SSE	.2	1.2	1.5	.8	.1	.0	.0	.0			3.8	8.3
S	.3	2.3	3.3	2.7	.4	.1	.0				9.0	9.3
SSW	.3	2.1	2.4	1.4	.2	.0	.0				6.5	8.4
SW	.4	2.4	2.0	1.0	.2	.0	.0				6.0	7.7
WSW	.4	2.1	2.1	1.0	.1	.0	.0				5.7	8.0
W	.4	2.4	3.5	2.4	.6	.1	.0	.0			9.4	9.4
WNW	.3	2.0	2.5	2.4	.6	.2	.0				8.0	9.9
NW	.4	2.3	2.4	2.4	.6	.1	.0				8.3	9.5
NNW	.4	2.3	2.4	1.5	.2	.0					6.9	8.2
VARIABLE												
CALM	////////////////////										8.2	////
TOTALS	5.0	29.0	32.7	20.5	3.7	.7	.1	.0			100.0	7.9

TOTAL NUMBER OF OBSERVATIONS: 87643

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: ALL HOURS(IST): ALL

CEILINGS 200 TO 1400 FEET WITH VISIBILITIES 1/2 MILE OR MORE

AND/OR

CEILINGS 200 FEET OR MORE WITH VISIBILITIES 1/2 TO 2-1/2 MILES

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4	3.1	3.9	2.1	.1	.0					9.7	8.2
NNE	.3	1.9	3.6	2.1	.2	.1					8.2	8.9
NE	.2	1.9	3.2	3.0	.4	.1	.0				8.7	9.7
ENE	.3	1.7	3.2	2.8	.6	.2	.0				8.8	10.3
E	.3	2.1	3.2	2.4	.7	.2					8.8	9.9
ESE	.1	1.1	1.3	1.1	.3	.0	.0				4.0	9.6
SE	.1	1.1	1.1	.8	.3	.1					3.5	9.7
SSE	.2	1.2	1.3	1.1	.3	.1	.0	.0			4.2	10.0
S	.2	1.6	2.7	2.7	.9	.2	.0				8.3	10.7
SSW	.2	1.2	2.1	1.4	.5	.1					5.6	9.8
SW	.3	1.4	1.1	.7	.2	.0					3.7	8.0
WSW	.2	1.1	1.0	.8	.1	.1					3.3	8.6
W	.3	1.3	1.7	.9	.3	.1	.0	.0			4.6	8.9
WNW	.2	1.2	1.0	.6	.1	.1	.0				3.2	8.4
NW	.2	1.3	1.5	.9	.3	.1					4.3	8.9
NNW	.2	1.8	2.1	1.0	.1	.0					5.2	8.2
VARIABLE												
CALM	////////////////////										5.9	////
TOTALS	3.7	25.1	34.1	24.4	5.4	1.4	.1	.0			100.0	8.8

TOTAL NUMBER OF OBSERVATIONS: 11668

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CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VERSUS VISIBILITY SUMMARY:

THIS SUMMARY IS A BIVARIATE FREQUENCY DISTRIBUTION BY CLASSES OF CEILING FROM "0" THROUGH EQUAL TO OR GREATER THAN 20,000 FEET AND AS A SEPARATE CLASS "NO CEILING", VERSUS VISIBILITY IN 16 CLASSES FROM ZERO THROUGH EQUAL TO OR GREATER THAN 10 MILES.

DATA DERIVED FROM HOURLY OBSERVATIONS.

FREQUENCY DISTRIBUTION PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

NOTES:

BEGINNING IN 1968, METAR STATIONS REPORTED VISIBILITIES TO 6 MILES AND GREATER THAN 6 MILES. THEREFORE THE COLUMN FOR VISIBILITIES EQUAL TO OR GREATER THAN 10 MILES APPEAR BLANK.

AS A RULE, AIRWAYS STATIONS NORMALLY REPORT VISIBILITIES TO 6 MILES AND 7 OR GREATER, HOWEVER SOME STATIONS REPORT HIGHER VALUES. THEREFORE, THE 10 MILE VISIBILITY COLUMN SOMETIMES CONTAIN SMALL PERCENTAGE VALUES. HOWEVER, THESE VALUES ARE OF LITTLE MEANING AND SHOULD BE DISREGARDED.

FOR METAR CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS ABOVE 5000 FEET WERE SUPPRESSED TO 5000 FEET. THEREFORE, NO PERCENT VALUES APPEAR ABOVE 5000 FEET.

SKY COVER SUMMARY:

PRESENTS PERCENTAGES OF SKY COVER IN EITHER 10THS OF COVERAGE OR "AIRWAYS CLASSIFICATIONS".

DATA SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

ALSO PRESENTED ARE MEAN SKY COVERS.

FOR AIRWAY STATIONS, THE CONVERSION FROM THE AIRWAYS DESIGNATIONS TO 10THS FOR PRESENTATION ARE:

CLEAR	-	0/10
SCATTERED	-	3/10
BROKEN	-	9/10
OVERCAST	-	10/10
OBSURED	-	10/10

SKY COVER SUMMARY IS UNAVAILABLE FOR METAR REPORTING STATIONS.

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JAN HOURS(IST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	46.6	48.6	49.2	49.2	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 20000	51.3	54.0	54.6	54.6	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 18000	51.4	54.1	54.7	54.7	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 16000	51.4	54.1	54.7	54.7	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 14000	51.6	54.3	54.9	54.9	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 12000	53.1	55.9	56.6	56.6	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 10000	55.4	58.6	59.2	59.2	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 9000	56.0	59.4	60.0	60.0	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 8000	57.4	60.8	61.5	61.5	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 7000	59.1	62.7	63.4	63.5	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 6000	59.6	63.2	64.0	64.1	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 5000	60.8	65.2	65.9	66.0	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 4500	62.4	67.0	67.7	67.8	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 4000	64.3	69.0	69.8	69.9	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 3500	65.7	70.8	71.5	71.6	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 3000	68.7	74.5	75.4	75.5	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 2500	70.2	76.6	77.4	77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 2000	72.7	79.0	80.0	80.3	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 1800	73.2	79.7	80.6	81.0	81.5	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 1500	73.9	81.2	82.3	82.6	83.1	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 1200	74.3	81.9	83.0	83.4	84.0	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 1000	74.9	82.8	84.1	84.6	85.2	85.3	85.4	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 900	74.9	82.8	84.2	84.7	85.3	85.4	85.5	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 800	75.1	83.1	84.5	85.1	85.6	85.7	85.8	86.0	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 700	75.5	83.7	85.1	86.5	87.1	87.2	87.4	87.6	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 600	75.6	84.0	85.5	87.2	88.0	88.1	88.4	88.6	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 500	75.6	84.2	86.1	87.8	88.7	89.0	89.7	90.0	90.0	90.0	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 400	75.6	84.8	86.9	88.7	90.1	90.4	91.5	92.2	92.2	92.2	93.0	93.0	93.0	93.3	93.3	93.3	93.3
GE 300	75.7	85.2	87.2	89.0	90.6	91.0	92.4	93.5	93.5	93.5	94.6	94.9	94.9	95.3	95.3	95.3	95.3
GE 200	75.7	85.2	87.3	89.1	90.9	91.4	92.9	94.2	94.2	94.2	96.2	96.6	96.6	97.3	97.3	97.4	97.4
GE 100	75.7	85.2	87.3	89.1	90.9	91.4	93.1	94.5	94.5	94.5	97.5	98.1	98.1	99.1	99.1	99.5	99.5
GE 0	75.7	85.2	87.3	89.1	90.9	91.4	93.1	94.5	94.5	94.5	97.5	98.1	98.1	99.1	99.1	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JAN HOURS(IST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	44.1	47.5	47.7	48.3	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 20000	48.4	52.4	52.6	53.1	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 18000	48.5	52.5	52.7	53.2	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 16000	48.5	52.5	52.7	53.2	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 14000	48.6	52.6	52.8	53.3	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 12000	49.4	53.3	53.5	54.1	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 10000	52.5	56.8	57.2	57.7	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 9000	53.7	56.0	58.4	58.9	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 8000	55.8	60.2	60.6	61.2	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 7000	57.2	61.6	62.0	62.6	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 6000	57.4	61.8	62.3	62.8	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 5000	59.1	64.1	64.5	65.1	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 4500	61.0	66.1	66.6	67.2	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 4000	62.5	68.0	68.4	69.0	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 3500	64.3	69.9	70.3	71.0	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 3000	67.3	72.9	73.3	74.1	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 2500	69.5	75.3	75.8	76.6	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 2000	71.8	77.8	78.5	79.4	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 1800	72.6	78.7	79.4	80.2	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 1500	73.3	79.6	80.4	81.3	82.3	82.4	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8
GE 1200	74.1	80.4	81.3	82.3	83.2	83.3	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8
GE 1000	74.6	81.3	82.4	83.3	84.5	84.6	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2
GE 900	74.6	81.4	82.5	83.5	84.7	84.8	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4
GE 800	74.8	82.3	83.3	84.6	86.1	86.2	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8
GE 700	74.9	83.1	84.3	85.6	87.2	87.3	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3
GE 600	75.1	84.2	85.7	87.3	88.9	89.0	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0
GE 500	75.1	84.8	86.6	88.4	90.5	90.6	91.7	91.9	91.9	91.9	92.4	92.4	92.4	92.4	92.4	92.4
GE 400	75.2	84.9	87.1	88.9	91.2	91.3	92.9	93.2	93.2	93.2	94.1	94.1	94.1	94.1	94.1	94.1
GE 300	75.3	85.3	87.4	89.7	92.0	92.5	94.8	95.3	95.3	95.3	96.3	96.6	96.6	96.6	96.6	96.6
GE 200	75.3	85.3	87.4	89.8	92.2	92.6	95.3	96.1	96.1	96.1	97.8	98.1	98.1	98.2	98.2	98.2
GE 100	75.3	85.3	87.4	89.8	92.2	92.6	95.3	96.1	96.1	96.1	98.3	98.8	98.8	99.2	99.8	99.8
GE 01	75.3	85.3	87.4	89.8	92.2	92.6	95.3	96.1	96.1	96.1	98.4	98.9	98.9	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JAN HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	40.2	44.3	45.4	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 20000	45.1	50.3	51.5	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 18000	45.1	50.3	51.5	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 16000	45.1	50.3	51.5	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 14000	45.1	50.3	51.5	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 12000	45.7	51.0	52.2	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 10000	49.1	54.7	55.9	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 9000	49.6	55.3	56.5	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 8000	52.4	58.3	59.5	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 7000	54.3	60.3	61.5	61.9	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 6000	54.8	61.1	62.3	62.7	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 5000	56.7	63.5	64.8	65.3	65.5	65.5	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 4500	59.0	66.3	67.8	68.4	68.8	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 4000	60.1	68.0	69.5	70.0	70.4	70.4	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 3500	62.0	70.5	72.0	72.6	73.2	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 3000	64.6	73.7	75.2	76.0	76.8	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 2500	66.7	76.3	78.0	79.0	79.9	79.9	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 2000	68.0	77.8	79.5	80.9	81.7	81.7	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 1800	68.8	78.9	80.5	82.0	82.9	82.9	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 1500	70.0	80.5	82.3	83.8	84.8	84.8	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 1200	70.3	80.9	82.6	84.3	85.4	85.4	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 1000	71.1	82.2	84.0	86.0	87.1	87.1	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 900	71.1	82.2	84.0	86.0	87.2	87.2	87.8	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 800	71.5	82.9	84.7	86.8	88.1	88.2	88.8	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 700	71.5	83.1	85.1	87.2	88.5	88.6	89.4	89.7	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 600	71.5	83.7	85.9	88.3	89.7	89.8	90.9	91.3	91.3	91.7	91.8	91.8	91.8	91.8	91.8	91.8
GE 500	71.6	84.1	86.7	89.2	90.8	91.0	92.5	93.0	93.0	93.9	94.0	94.0	94.0	94.0	94.0	94.0
GE 400	71.6	84.3	87.0	89.8	91.3	91.6	93.2	94.0	94.0	94.8	95.1	95.1	95.3	95.3	95.3	95.3
GE 300	71.7	84.7	87.4	90.3	92.3	92.7	94.6	95.6	95.6	96.8	97.1	97.1	97.4	97.4	97.4	97.4
GE 200	71.7	84.8	87.5	90.4	92.4	92.8	94.7	96.1	96.1	97.8	98.4	98.4	99.1	99.1	99.1	99.1
GE 100	71.7	84.8	87.5	90.4	92.4	92.8	94.7	96.1	96.1	98.2	98.8	98.8	99.7	99.9	100.0	100.0
GE 0	71.7	84.8	87.5	90.4	92.4	92.8	94.7	96.1	96.1	98.2	98.8	98.8	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87

MONTH: JAN HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	39.7	46.0	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 20000	44.4	51.8	52.5	52.8	52.8	52.8	52.9	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 18000	44.4	51.8	52.5	52.8	52.8	52.8	52.9	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 16000	44.4	51.8	52.5	52.8	52.8	52.8	52.9	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 14000	44.8	52.5	53.1	53.4	53.4	53.4	53.5	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 12000	46.0	53.8	54.4	54.7	54.7	54.7	54.8	54.9	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 10000	48.3	56.1	56.8	57.1	57.2	57.2	57.3	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 9000	49.1	57.1	57.7	58.1	58.2	58.2	58.3	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 8000	52.8	61.3	61.9	62.5	62.6	62.7	62.8	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 7000	54.9	64.0	64.6	65.2	65.3	65.4	65.5	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 6000	55.6	65.1	65.7	66.2	66.3	66.5	66.6	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 5000	57.2	67.3	68.0	68.5	68.6	68.7	68.9	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 4500	58.1	68.8	69.5	70.0	70.1	70.3	70.6	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 4000	59.2	70.2	71.0	71.5	71.6	72.0	72.4	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.7	72.7
GE 3500	59.6	70.6	71.4	71.9	72.2	72.6	72.9	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.2	73.2
GE 3000	60.5	72.8	73.7	74.3	74.7	75.2	75.5	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.8	75.8
GE 2500	62.3	75.6	76.9	77.8	78.6	79.1	79.8	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.1	80.1
GE 2000	62.9	76.7	78.2	79.2	80.0	80.6	81.3	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.6	81.6
GE 1800	63.2	77.4	78.9	80.1	80.9	81.6	82.3	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.6	82.6
GE 1500	63.9	79.0	80.8	82.4	83.3	84.3	85.1	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.5	85.5
GE 1200	64.1	79.5	81.3	83.0	84.1	85.3	86.1	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.6	86.6
GE 1000	64.3	80.0	82.2	84.1	85.2	86.5	87.3	87.6	87.6	87.7	87.7	87.7	87.7	87.8	88.0	88.0
GE 900	64.3	80.2	82.5	84.7	86.0	87.4	88.3	88.6	88.6	88.8	88.8	88.8	88.8	88.9	89.0	89.0
GE 800	64.3	80.4	82.8	85.2	86.5	87.8	88.7	89.0	89.0	89.2	89.2	89.2	89.2	89.5	89.6	89.6
GE 700	64.3	80.5	83.0	85.8	87.3	88.9	90.0	90.3	90.3	90.6	90.6	90.6	90.6	90.9	91.0	91.0
GE 600	64.3	80.5	83.0	86.1	87.7	89.7	91.0	91.4	91.4	91.7	91.7	91.7	92.0	92.0	92.2	92.2
GE 500	64.4	81.0	83.5	86.8	88.5	90.5	91.9	92.9	92.9	93.2	93.4	93.4	93.9	93.9	94.0	94.0
GE 400	64.4	81.0	83.5	87.2	89.5	91.8	93.4	94.5	94.5	94.9	95.3	95.3	95.8	95.8	95.9	95.9
GE 300	64.4	81.0	83.5	87.2	89.7	92.0	93.7	95.1	95.1	95.8	96.3	96.3	97.3	97.3	97.4	97.4
GE 200	64.4	81.0	83.7	87.4	90.0	92.5	94.2	96.1	96.1	97.4	98.1	98.1	99.4	99.4	99.7	99.7
GE 100	64.4	81.0	83.7	87.4	90.0	92.5	94.2	96.1	96.1	97.4	98.2	98.2	99.6	99.6	100.0	100.0
GE 0	64.4	81.0	83.7	87.4	90.0	92.5	94.2	96.1	96.1	97.4	98.2	98.2	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JAN HOURS(LST): 1200-1400

CEILING IN FEET		VISIBILITY IN STATUTE MILES																
		1 10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	1/8	0
NO CEIL	1	40.8	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 20000	1	47.5	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 18000	1	47.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 16000	1	47.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 14000	1	48.2	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 12000	1	49.7	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 10000	1	51.0	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 9000	1	51.5	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 8000	1	53.1	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 7000	1	54.5	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 6000	1	54.9	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 5000	1	56.2	63.9	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 4500	1	57.2	65.8	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 4000	1	58.0	66.9	67.2	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 3500	1	60.1	69.4	69.7	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 3000	1	61.5	71.9	72.4	72.6	73.0	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 2500	1	63.0	75.4	75.9	76.5	76.9	77.0	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 2000	1	65.3	78.1	78.6	79.2	79.7	79.8	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 1800	1	65.5	78.7	79.2	80.1	80.5	80.6	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 1500	1	66.3	80.9	81.5	82.5	82.9	83.1	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 1200	1	66.8	81.6	82.4	83.4	83.9	84.3	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 1000	1	66.8	81.9	83.0	84.3	84.9	85.4	86.0	86.0	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 900	1	66.8	82.0	83.1	84.5	85.4	86.0	86.7	86.7	86.7	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 800	1	66.9	82.2	83.2	84.6	85.5	86.1	86.8	86.8	86.8	87.0	87.1	87.1	87.2	87.2	87.2	87.2	87.2
GE 700	1	66.9	82.3	83.9	85.4	86.6	87.5	88.3	88.4	88.4	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.8
GE 600	1	66.9	82.7	84.5	86.0	87.4	88.4	89.1	89.2	89.2	89.5	89.7	89.7	90.0	90.0	90.0	90.0	90.0
GE 500	1	67.0	83.0	85.1	87.1	88.7	90.2	91.3	91.5	91.5	92.0	92.3	92.3	92.6	92.6	92.6	92.6	92.6
GE 400	1	67.0	83.1	85.2	87.5	89.5	91.4	92.6	92.8	92.8	93.4	93.8	93.8	94.1	94.1	94.1	94.1	94.1
GE 300	1	67.0	83.1	85.2	87.6	89.8	92.2	94.2	95.5	95.5	96.3	96.8	96.8	97.4	97.4	97.4	97.4	97.4
GE 200	1	67.0	83.1	85.2	87.7	90.2	92.6	94.8	96.3	96.3	97.3	97.8	97.8	98.8	98.8	99.0	99.0	99.0
GE 100	1	67.0	83.1	85.2	87.7	90.2	92.6	94.8	96.3	96.3	97.3	98.0	98.0	99.4	99.4	99.9	100.0	100.0
GE 01	1	67.0	83.1	85.2	87.7	90.2	92.6	94.8	96.3	96.3	97.3	98.0	98.0	99.4	99.4	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JAN HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	39.4	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
GE 20000	45.6	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 18000	45.6	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 16000	45.6	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 14000	46.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 12000	47.7	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 10000	49.9	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 9000	50.1	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 8000	51.2	58.0	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 7000	52.9	60.1	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 6000	53.3	60.5	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 5000	55.1	62.7	63.3	63.4	63.4	63.4	63.4	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 4500	57.4	65.5	66.1	66.5	66.5	66.6	66.6	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 4000	59.4	67.6	68.4	68.7	68.7	68.9	68.9	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 3500	61.4	70.0	70.8	71.1	71.1	71.3	71.3	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 3000	63.8	73.5	74.5	75.1	75.2	75.5	75.6	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 2500	65.5	76.0	77.1	78.0	78.2	78.5	78.6	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 2000	66.5	77.4	78.7	79.8	80.4	80.8	80.9	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 1800	66.8	78.1	79.5	80.5	81.3	81.7	81.8	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 1500	67.1	79.6	81.0	82.2	83.1	83.9	84.1	84.3	84.3	84.5	84.6	84.6	84.6	84.6	84.6	84.6
GE 1200	67.1	80.0	81.6	82.9	84.0	84.7	84.9	85.3	85.3	85.5	85.6	85.6	85.7	85.7	85.7	85.7
GE 1000	67.3	80.6	82.6	84.0	85.3	86.2	86.5	87.0	87.0	87.2	87.3	87.3	87.4	87.4	87.4	87.4
GE 900	67.3	80.8	83.0	84.6	86.0	87.0	87.4	88.0	88.0	88.2	88.3	88.3	88.4	88.4	88.4	88.4
GE 800	67.3	81.2	83.4	85.1	86.5	87.4	87.8	88.4	88.4	88.7	88.8	88.8	88.9	88.9	88.9	88.9
GE 700	67.3	81.3	83.5	85.2	86.9	88.2	88.6	89.1	89.1	89.5	89.6	89.6	89.7	89.7	89.7	89.7
GE 600	67.3	81.5	83.8	85.4	87.1	88.5	88.9	89.6	89.6	89.9	90.0	90.0	90.1	90.1	90.1	90.1
GE 500	67.3	81.6	84.0	85.9	88.2	90.0	90.5	91.2	91.2	91.6	91.7	91.7	91.9	91.9	91.9	91.9
GE 400	67.3	81.9	84.3	86.3	89.0	91.2	92.2	93.3	93.3	94.0	94.1	94.1	94.3	94.3	94.3	94.3
GE 300	67.3	81.9	84.5	86.9	90.2	92.6	93.9	95.6	95.6	96.8	96.9	96.9	97.3	97.3	97.4	97.4
GE 200	67.3	81.9	84.5	87.0	90.4	92.8	94.2	96.2	96.2	97.6	97.7	97.7	98.2	98.2	98.4	98.4
GE 100	67.3	81.9	84.5	87.0	90.4	92.8	94.2	96.2	96.2	97.7	97.8	97.8	98.4	98.5	99.4	99.4
GE 0	67.3	81.9	84.5	87.0	90.4	92.8	94.2	96.2	96.2	97.7	97.8	97.8	98.4	98.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JAN HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	47.4	50.4	50.4	50.4	50.5	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 20000	52.3	56.1	56.1	56.1	56.2	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 18000	52.3	56.1	56.1	56.1	56.2	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 16000	52.3	56.1	56.1	56.1	56.2	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 14000	52.7	56.6	56.6	56.6	56.7	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 12000	53.9	58.0	58.0	58.0	58.1	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 10000	54.9	59.4	59.4	59.4	59.5	59.7	59.7	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 9000	55.4	59.8	59.8	59.8	59.9	60.1	60.1	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 8000	56.7	61.8	61.8	61.8	61.9	62.2	62.2	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 7000	58.9	64.2	64.2	64.2	64.3	64.5	64.5	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 6000	59.1	64.4	64.4	64.4	64.5	64.7	64.7	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 5000	60.3	65.9	65.9	65.9	66.1	66.3	66.3	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 4500	61.5	67.6	67.6	67.6	68.1	68.3	68.3	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 4000	63.1	69.8	69.8	69.8	70.2	70.4	70.4	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 3500	64.0	71.2	71.2	71.2	71.6	71.9	71.9	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 3000	66.9	75.4	75.4	75.5	75.9	76.2	76.2	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 2500	69.5	78.6	78.6	78.7	79.1	79.5	79.5	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 2000	71.1	81.1	81.3	81.4	81.9	82.5	82.5	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 1800	71.6	81.7	81.9	82.0	82.6	83.1	83.1	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 1500	72.5	83.1	83.3	83.5	84.3	84.8	84.8	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 1200	72.6	83.3	83.7	83.9	84.6	85.2	85.2	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 1000	72.7	84.0	84.5	84.7	85.5	86.0	86.1	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 900	72.8	84.5	85.2	85.4	86.5	87.0	87.1	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 800	72.9	84.6	85.3	85.5	86.6	87.2	87.3	88.0	88.0	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 700	72.9	84.9	85.6	85.8	87.1	87.7	88.0	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 600	73.1	85.4	86.2	86.7	88.0	88.8	89.1	89.9	89.9	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 500	73.2	86.0	86.9	87.3	88.9	89.8	90.2	91.1	91.1	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 400	73.2	86.5	87.3	88.2	90.5	91.6	92.3	93.5	93.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 300	73.2	86.7	87.5	88.4	91.3	92.4	93.3	94.6	94.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 200	73.2	86.7	87.5	88.5	91.5	92.8	94.3	95.8	95.8	97.8	97.8	97.8	97.8	98.1	98.1	98.1
GE 100	73.2	86.7	87.5	88.6	91.6	92.9	94.4	95.9	96.2	98.3	98.4	98.4	98.7	98.7	98.9	99.0
GE 0	73.2	86.7	87.5	88.6	91.6	92.9	94.4	95.9	96.2	98.3	98.4	98.4	98.7	98.7	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY TAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JAN HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	47.3	50.2	50.2	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 20000	51.8	55.5	55.5	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 18000	52.2	55.8	55.8	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 16000	52.2	55.8	55.8	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 14000	52.2	55.8	55.8	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 12000	52.8	56.7	56.7	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 10000	54.9	59.6	59.6	59.7	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 9000	55.5	60.1	60.1	60.2	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 8000	57.6	62.4	62.5	62.6	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 7000	59.4	64.1	64.2	64.3	64.5	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 6000	60.3	65.2	65.3	65.4	65.6	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 5000	62.6	68.0	68.2	68.3	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 4500	63.7	69.7	69.9	70.0	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 4000	65.2	71.6	71.8	71.9	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 3500	66.6	73.9	74.1	74.2	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 3000	70.2	78.5	78.8	78.9	79.5	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 2500	71.4	80.0	80.5	80.9	81.4	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 2000	72.7	81.0	81.5	81.8	82.4	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 1800	72.7	81.5	82.0	82.4	82.9	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 1500	73.8	83.2	83.8	84.1	84.6	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 1200	74.1	84.0	84.5	84.8	85.4	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 1000	74.4	84.5	85.1	85.6	86.3	86.7	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 900	74.4	84.5	85.1	85.7	86.5	86.8	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 800	74.4	84.8	85.5	86.1	86.9	87.2	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 700	74.5	84.9	85.6	86.2	87.0	87.3	87.7	88.0	88.0	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 600	74.5	85.1	85.7	86.5	87.5	87.8	88.4	88.6	88.6	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 500	74.5	85.5	86.3	87.3	88.7	89.0	89.7	90.2	90.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4
GE 400	74.5	85.8	87.0	88.3	89.9	90.4	91.4	91.9	91.9	93.2	93.3	93.3	93.3	93.3	93.3	93.3
GE 300	74.5	85.8	87.0	88.3	90.5	91.1	92.2	92.7	92.7	94.3	94.6	94.6	94.9	94.9	94.9	94.9
GE 200	74.5	85.8	87.0	88.3	90.8	91.4	92.8	94.2	94.2	96.6	97.0	97.0	97.6	97.7	97.7	97.7
GE 100	74.5	85.8	87.0	88.4	90.9	91.5	93.1	94.5	94.5	97.5	98.1	98.1	98.8	98.9	99.5	99.6
GE 0	74.5	85.8	87.0	88.4	90.9	91.5	93.1	94.5	94.5	97.6	98.2	98.2	99.1	99.2	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JAN HOURS (LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	43.2	46.7	46.9	47.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 20000	48.3	52.7	53.1	53.3	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 18000	48.4	52.8	53.2	53.3	53.5	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 16000	48.4	52.8	53.2	53.3	53.5	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 14000	48.7	53.2	53.5	53.7	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 12000	49.8	54.5	54.9	55.0	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 10000	52.0	57.1	57.4	57.6	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 9000	52.6	57.7	58.1	58.3	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 8000	54.6	60.2	60.6	60.9	61.0	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 7000	56.4	62.2	62.7	62.9	63.1	63.1	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 6000	56.9	62.9	63.3	63.5	63.7	63.8	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 5000	58.5	65.1	65.6	65.8	66.0	66.1	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 4500	60.0	67.1	67.7	68.0	68.2	68.3	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 4000	61.5	68.9	69.5	69.8	70.1	70.2	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 3500	63.0	70.8	71.4	71.7	72.0	72.2	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 3000	65.4	74.2	74.8	75.2	75.7	75.9	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 2500	67.2	76.7	77.5	78.1	78.7	78.9	79.0	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 2000	68.8	78.6	79.5	80.3	80.9	81.1	81.3	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 1800	69.3	79.3	80.3	81.0	81.7	81.9	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 1500	70.1	80.9	81.9	82.8	83.6	83.9	84.2	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 1200	70.4	81.5	82.5	83.5	84.3	84.7	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 1000	70.8	82.2	83.5	84.6	85.5	86.0	86.4	86.6	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8
GE 900	70.8	82.3	83.7	84.9	85.9	86.5	86.9	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.4
GE 800	70.9	82.7	84.1	85.4	86.5	87.0	87.4	87.7	87.7	87.9	88.0	88.0	88.0	88.0	88.0	88.0
GE 700	71.0	83.0	84.5	86.0	87.2	87.8	88.4	88.8	88.8	89.1	89.1	89.1	89.1	89.1	89.2	89.2
GE 600	71.0	83.4	85.0	86.7	88.0	88.8	89.5	89.8	89.8	90.2	90.2	90.2	90.3	90.3	90.3	90.3
GE 500	71.1	83.8	85.6	87.5	89.1	90.0	90.9	91.5	91.5	92.1	92.2	92.2	92.4	92.4	92.4	92.4
GE 400	71.1	84.0	86.0	88.1	90.1	91.2	92.4	93.2	93.2	94.0	94.2	94.2	94.4	94.4	94.4	94.4
GE 300	71.1	84.2	86.2	88.4	90.8	92.0	93.6	94.7	94.7	95.8	96.1	96.1	96.5	96.5	96.5	96.5
GE 200	71.1	84.2	86.3	88.5	91.0	92.4	94.2	95.6	95.6	97.3	97.7	97.7	98.3	98.3	98.5	98.5
GE 100	71.1	84.2	86.3	88.6	91.1	92.4	94.2	95.7	95.8	97.8	98.3	98.3	99.1	99.2	99.6	99.7
GE 0	71.1	84.2	86.3	88.6	91.1	92.4	94.2	95.7	95.8	97.8	98.3	98.3	99.2	99.2	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: FEB HOURS(IST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	51.4	53.4	54.3	54.5	54.5	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.4
GE 20000	54.6	56.6	57.8	58.0	58.0	58.4	58.7	58.9	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.2
GE 18000	55.0	57.0	58.2	58.4	58.4	58.7	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.3	59.3	59.6
GE 16000	55.2	57.2	58.4	58.6	58.6	59.0	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.6	59.6	60.0
GE 14000	55.6	57.6	58.7	59.0	59.0	59.3	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.9	59.9	60.2
GE 12000	56.0	58.0	59.2	59.5	59.5	59.8	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.4	60.6
GE 10000	56.7	58.9	60.0	60.3	60.3	60.6	61.0	61.1	61.1	61.1	61.1	61.2	61.2	61.3	61.3	61.6
GE 9000	57.0	59.2	60.4	60.6	60.6	61.0	61.3	61.5	61.5	61.5	61.5	61.6	61.6	61.7	61.7	61.9
GE 8000	59.0	61.3	62.5	62.8	62.8	63.1	63.5	63.6	63.6	63.6	63.6	63.7	63.7	63.8	63.8	64.1
GE 7000	60.4	63.1	64.3	64.5	64.5	64.9	65.2	65.4	65.4	65.4	65.4	65.5	65.5	65.6	65.6	65.8
GE 6000	61.0	63.7	64.9	65.1	65.1	65.5	65.8	66.0	66.0	66.0	66.0	66.1	66.1	66.2	66.2	66.4
GE 5000	62.1	65.2	66.4	66.7	66.7	67.0	67.4	67.5	67.5	67.5	67.5	67.6	67.6	67.7	67.7	68.0
GE 4500	64.3	68.4	69.7	70.2	70.2	70.6	70.9	71.0	71.0	71.0	71.0	71.2	71.2	71.3	71.3	71.5
GE 4000	65.2	70.1	71.4	71.9	72.0	72.3	72.7	72.8	72.8	72.8	72.8	72.9	72.9	73.0	73.0	73.3
GE 3500	66.4	71.4	72.8	73.3	73.5	73.9	74.2	74.3	74.3	74.3	74.3	74.5	74.5	74.6	74.6	74.8
GE 3000	68.0	73.5	75.2	75.7	76.2	76.6	77.0	77.1	77.1	77.1	77.1	77.2	77.2	77.3	77.3	77.5
GE 2500	68.6	74.8	76.6	77.3	78.1	78.5	79.1	79.2	79.2	79.2	79.2	79.3	79.3	79.4	79.4	79.7
GE 2000	68.8	75.9	77.7	78.4	79.2	79.8	80.4	80.5	80.5	80.5	80.5	80.6	80.6	80.7	80.7	81.0
GE 1800	68.9	76.0	77.9	78.7	79.6	80.1	80.7	81.0	81.0	81.0	81.0	81.1	81.1	81.2	81.2	81.4
GE 1500	69.0	76.4	78.3	79.1	80.1	80.9	81.4	81.7	81.7	81.7	81.8	81.9	81.9	82.0	82.0	82.3
GE 1200	69.5	77.3	79.2	80.0	81.2	81.9	82.5	82.7	82.7	82.7	82.9	83.0	83.0	83.1	83.1	83.3
GE 1000	69.6	77.9	79.0	81.0	82.3	83.2	83.8	84.2	84.2	84.2	84.4	84.8	84.8	84.9	84.9	85.1
GE 900	69.6	77.9	79.9	81.0	82.4	83.2	84.0	84.4	84.4	84.4	84.6	85.0	85.0	85.1	85.1	85.3
GE 800	69.6	78.0	80.0	81.1	82.6	83.8	84.6	85.0	85.0	85.0	85.3	85.7	85.7	85.8	85.8	86.1
GE 700	69.6	78.0	80.0	81.1	82.6	84.0	84.9	85.3	85.3	85.3	85.8	86.2	86.2	86.5	86.5	86.8
GE 600	70.0	78.5	80.6	81.8	83.7	85.1	86.2	86.6	86.6	86.6	87.1	87.7	87.7	88.1	88.1	88.3
GE 500	70.0	78.8	81.0	82.4	84.6	86.5	88.1	88.5	88.5	88.5	89.1	89.8	89.8	90.2	90.2	90.4
GE 400	70.0	79.0	81.3	83.1	85.3	87.6	89.5	90.2	90.2	90.2	90.8	91.6	91.6	92.0	92.0	92.2
GE 300	70.0	79.0	81.3	83.1	85.3	87.7	90.2	91.3	91.3	91.3	91.8	92.9	92.9	93.3	93.3	93.6
GE 200	70.0	79.0	81.3	83.1	85.3	87.7	91.3	92.3	92.3	92.3	93.4	94.7	94.7	95.3	95.3	96.1
GE 100	70.0	79.0	81.3	83.1	85.3	87.7	91.3	92.4	92.4	92.4	93.6	95.7	95.7	96.5	96.5	98.7
GE 01	70.0	79.0	81.3	83.1	85.3	87.7	91.3	92.4	92.4	92.4	93.6	95.7	95.7	96.7	96.7	99.3

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: FEB HOURS (LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	49.5	52.6	52.8	53.4	53.4	53.7	53.8	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.0	54.1
GE 20000	52.5	55.6	56.3	57.1	57.1	57.3	57.4	57.4	57.4	57.6	57.6	57.6	57.7	57.7	57.7	57.8
GE 18000	52.6	55.7	56.4	57.2	57.2	57.4	57.6	57.6	57.6	57.7	57.7	57.7	57.8	57.8	57.8	57.9
GE 16000	52.6	55.7	56.4	57.2	57.2	57.4	57.6	57.6	57.6	57.7	57.7	57.7	57.8	57.8	57.8	57.9
GE 14000	53.4	56.5	57.2	58.0	58.0	58.3	58.4	58.4	58.4	58.5	58.5	58.5	58.6	58.6	58.6	58.7
GE 12000	54.4	57.6	58.3	59.1	59.1	59.3	59.5	59.5	59.5	59.6	59.6	59.6	59.7	59.7	59.7	59.8
GE 10000	55.2	58.7	59.5	60.3	60.3	60.5	60.6	60.6	60.6	60.8	60.8	60.8	60.9	60.9	60.9	61.0
GE 9000	55.6	59.1	59.8	60.6	60.6	60.9	61.0	61.0	61.0	61.1	61.1	61.1	61.2	61.2	61.2	61.3
GE 8000	57.3	61.1	61.8	62.6	62.6	62.9	63.0	63.0	63.0	63.1	63.1	63.1	63.2	63.2	63.2	63.4
GE 7000	58.9	63.4	64.1	64.9	64.9	65.1	65.2	65.2	65.2	65.4	65.4	65.4	65.5	65.5	65.5	65.6
GE 6000	59.3	63.8	64.5	65.4	65.4	65.6	65.7	65.7	65.7	65.8	65.8	65.8	66.0	66.0	66.0	66.1
GE 5000	60.6	65.5	66.4	67.3	67.3	67.5	67.6	67.6	67.6	67.7	67.7	67.7	67.8	67.8	67.8	68.0
GE 4500	61.2	66.5	67.6	68.6	68.6	68.8	68.9	68.9	68.9	69.0	69.0	69.0	69.1	69.1	69.1	69.3
GE 4000	63.4	68.9	70.1	71.0	71.0	71.3	71.4	71.4	71.4	71.5	71.5	71.5	71.6	71.6	71.6	71.7
GE 3500	64.4	70.4	71.7	72.7	72.7	72.9	73.0	73.0	73.0	73.2	73.2	73.2	73.3	73.3	73.3	73.4
GE 3000	65.8	72.0	73.3	74.3	74.6	74.8	74.9	74.9	74.9	75.1	75.1	75.1	75.2	75.2	75.2	75.3
GE 2500	66.5	73.4	74.9	76.0	76.5	76.7	77.0	77.0	77.0	77.1	77.1	77.1	77.2	77.2	77.2	77.3
GE 2000	67.7	75.3	77.0	78.1	78.6	78.8	79.1	79.1	79.1	79.2	79.2	79.2	79.3	79.3	79.3	79.4
GE 1800	68.2	75.9	77.5	78.7	79.2	79.4	79.7	79.7	79.7	79.8	79.8	79.8	79.9	79.9	79.9	80.0
GE 1500	68.4	76.5	78.4	79.6	80.0	80.3	80.5	80.5	80.5	80.6	80.6	80.6	80.7	80.7	80.7	80.9
GE 1200	68.7	76.8	78.7	79.9	80.4	80.6	81.0	81.0	81.0	81.1	81.1	81.1	81.2	81.2	81.2	81.3
GE 1000	69.1	77.4	79.3	80.5	81.0	81.2	81.8	82.3	82.3	82.5	82.5	82.5	82.6	82.6	82.6	82.7
GE 900	69.1	77.4	79.3	80.5	81.0	81.2	81.8	82.4	82.4	82.6	82.6	82.6	82.7	82.7	82.7	82.9
GE 800	69.1	77.7	79.6	80.7	81.3	81.6	82.3	82.9	82.9	83.1	83.1	83.1	83.5	83.5	83.5	83.6
GE 700	69.3	77.9	79.8	81.2	81.8	82.0	82.9	83.5	83.5	83.9	83.9	83.9	84.3	84.3	84.3	84.4
GE 600	69.4	78.0	79.9	81.3	82.0	82.4	83.7	84.3	84.3	84.8	84.8	84.8	85.2	85.2	85.2	85.3
GE 500	69.5	78.8	80.7	82.4	83.6	84.2	85.6	86.5	86.5	87.0	87.0	87.0	87.5	87.5	87.5	87.6
GE 400	69.6	79.6	81.7	84.3	85.7	86.8	88.7	89.7	89.7	90.3	90.4	90.4	90.9	90.9	90.9	91.0
GE 300	69.6	79.6	81.7	84.5	86.4	87.8	89.8	91.0	91.0	91.7	92.0	92.0	92.6	92.6	92.7	92.8
GE 200	69.6	79.6	81.8	84.6	86.5	87.9	90.4	92.1	92.1	93.0	93.5	93.5	94.4	94.4	94.9	95.0
GE 100	69.6	79.7	81.9	84.8	86.6	88.1	90.5	92.7	92.7	93.9	94.6	94.6	95.7	95.9	97.4	98.0
GE 0	69.6	79.7	81.9	84.8	86.6	88.1	90.5	92.7	92.7	93.9	94.6	94.6	95.9	96.0	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: FEB HOURS(IST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	43.0	50.5	51.2	51.3	51.7	51.7	51.7	51.7	51.7	51.7	51.8	52.0	52.0	52.0	52.0	52.1
GE 20000	47.3	55.4	56.4	57.0	57.3	57.3	57.4	57.4	57.4	57.4	57.6	57.8	57.8	57.8	57.8	57.9
GE 18000	47.3	55.4	56.4	57.0	57.3	57.3	57.4	57.4	57.4	57.4	57.6	57.8	57.8	57.9	57.9	58.0
GE 16000	47.3	55.4	56.4	57.0	57.3	57.3	57.4	57.4	57.4	57.4	57.6	57.8	57.8	57.9	57.9	58.0
GE 14000	48.2	56.5	57.4	58.0	58.4	58.4	58.5	58.5	58.5	58.5	58.6	58.9	58.9	59.0	59.0	59.1
GE 12000	48.9	57.4	58.5	59.1	59.5	59.5	59.8	59.8	59.8	59.8	59.9	60.2	60.2	60.3	60.3	60.4
GE 10000	50.0	58.7	60.0	60.6	61.0	61.0	61.3	61.3	61.3	61.3	61.5	61.7	61.7	61.8	61.8	61.9
GE 9000	50.2	59.1	60.4	61.1	61.5	61.5	61.9	61.9	61.9	61.9	62.1	62.3	62.3	62.4	62.4	62.5
GE 8000	51.8	61.1	62.4	63.2	63.6	63.6	64.1	64.1	64.1	64.1	64.2	64.4	64.4	64.5	64.5	64.7
GE 7000	52.5	62.4	63.7	64.5	64.9	64.9	65.4	65.4	65.4	65.4	65.5	65.7	65.7	65.8	65.8	66.0
GE 6000	52.6	62.5	63.8	64.7	65.0	65.0	65.5	65.5	65.5	65.5	65.6	65.8	65.8	66.0	66.0	66.1
GE 5000	53.4	63.7	65.2	66.2	66.5	66.5	67.0	67.0	67.0	67.0	67.1	67.4	67.4	67.5	67.5	67.7
GE 4500	54.1	64.5	66.2	67.1	67.5	67.5	68.0	68.0	68.0	68.0	68.1	68.3	68.3	68.4	68.4	68.7
GE 4000	55.1	66.1	67.7	68.8	69.3	69.3	69.7	69.7	69.7	69.7	69.9	70.1	70.1	70.2	70.3	70.4
GE 3500	56.4	68.2	69.9	70.9	71.4	71.4	71.9	71.9	71.9	71.9	72.0	72.2	72.2	72.3	72.3	72.6
GE 3000	57.0	69.6	71.5	72.7	73.2	73.2	73.6	73.6	73.6	73.6	73.8	74.0	74.0	74.1	74.1	74.3
GE 2500	58.3	72.1	74.3	75.7	76.4	76.4	77.0	77.0	77.0	77.0	77.1	77.3	77.3	77.4	77.4	77.7
GE 2000	58.6	72.7	74.9	76.4	77.2	77.2	78.0	78.0	78.1	78.1	78.3	78.5	78.5	78.6	78.6	79.1
GE 1800	59.0	73.0	75.3	76.7	77.5	77.5	78.5	78.6	78.7	78.8	79.1	79.1	79.2	79.2	79.6	79.7
GE 1500	59.5	73.6	75.9	77.4	78.4	78.5	79.3	79.4	79.6	79.7	79.9	79.9	80.0	80.0	80.4	80.5
GE 1200	59.6	74.0	76.4	77.9	78.8	79.0	80.0	80.1	80.3	80.4	80.6	80.6	80.7	80.7	81.1	81.2
GE 1000	59.7	74.3	76.8	78.6	79.6	79.7	81.0	81.1	81.2	81.3	81.6	81.6	81.7	81.7	82.0	82.2
GE 900	59.7	74.6	77.1	78.8	79.8	80.0	81.3	81.7	81.9	82.0	82.3	82.3	82.3	82.4	82.7	82.9
GE 800	59.7	74.7	77.2	79.0	79.9	80.3	81.7	82.0	82.3	82.4	82.6	82.6	82.7	82.7	83.1	83.2
GE 700	59.8	74.9	77.8	80.0	81.2	81.6	83.0	83.5	83.7	84.2	84.4	84.4	84.5	84.5	84.9	85.0
GE 600	59.9	75.1	78.1	80.6	81.8	82.2	83.7	84.3	84.5	85.2	85.5	85.5	85.6	85.6	85.9	86.1
GE 500	59.9	75.2	78.5	81.3	82.5	83.2	84.9	86.1	86.3	87.2	87.6	87.6	87.9	88.2	88.5	88.7
GE 400	60.0	75.8	79.3	82.4	84.0	85.3	87.1	88.9	89.1	90.3	90.9	90.9	91.4	91.6	92.0	92.1
GE 300	60.0	75.8	79.3	82.6	84.6	86.1	88.3	90.7	90.9	92.1	92.7	92.7	93.1	93.4	93.7	93.9
GE 200	60.0	75.8	79.3	82.6	84.9	86.3	88.8	91.5	91.7	93.5	94.4	94.4	95.2	95.5	96.0	96.2
GE 100	60.0	75.8	79.3	82.7	85.0	86.4	89.0	92.0	92.2	94.1	95.2	95.2	96.5	96.8	97.6	98.3
GE	cl	60.0	75.8	79.3	82.7	85.0	86.4	89.0	92.0	92.2	94.1	95.2	95.2	96.6	96.9	98.2

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: FEB HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	40.9	49.4	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 20000	48.5	58.9	59.2	59.3	59.3	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 18000	48.7	59.5	59.8	59.9	59.9	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 16000	48.8	59.6	59.9	60.0	60.0	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 14000	49.3	60.2	60.6	60.8	60.8	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 12000	50.1	61.5	62.1	62.2	62.2	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 10000	51.9	64.3	65.0	65.1	65.1	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 9000	51.9	64.5	65.2	65.4	65.4	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 8000	53.0	66.7	67.4	67.5	67.5	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 7000	53.5	67.5	68.2	68.3	68.3	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 6000	53.7	68.0	68.7	68.8	68.8	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 5000	54.5	69.5	70.3	70.8	70.8	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 4500	55.2	71.3	72.1	72.6	72.6	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 4000	55.6	72.2	73.0	73.5	73.5	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 3500	56.4	73.6	74.5	75.1	75.1	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 3000	56.9	74.6	75.4	76.7	76.8	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 2500	57.8	76.0	77.0	78.4	78.5	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 2000	58.0	76.5	77.4	79.0	79.3	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 1800	58.3	77.0	78.0	79.7	80.0	80.5	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 1500	58.4	77.2	78.4	80.1	80.6	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 1200	58.5	77.3	78.5	80.5	81.0	81.6	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 1000	58.6	78.0	79.2	81.2	81.8	82.4	82.7	82.9	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1
GE 900	58.6	78.0	79.2	81.3	81.9	82.5	83.0	83.1	83.1	83.5	83.6	83.6	83.6	83.6	83.6	83.6
GE 800	58.6	78.3	79.7	82.0	82.6	83.3	83.8	83.9	83.9	84.4	84.5	84.5	84.5	84.5	84.5	84.5
GE 700	58.6	78.7	80.5	83.0	83.8	84.8	85.2	85.3	85.3	85.9	86.2	86.2	86.3	86.3	86.3	86.3
GE 600	58.6	78.8	80.9	83.5	84.3	85.3	86.1	86.2	86.2	86.9	87.1	87.1	87.2	87.2	87.2	87.2
GE 500	58.6	79.2	81.3	84.0	85.1	86.6	87.5	87.8	87.8	88.8	89.1	89.1	89.2	89.2	89.2	89.2
GE 400	58.6	79.4	81.6	84.4	85.8	88.1	89.1	89.7	89.7	90.8	91.3	91.3	91.5	91.5	91.5	91.5
GE 300	58.6	79.4	81.7	84.6	86.3	89.0	90.4	91.5	91.6	93.0	93.5	93.5	94.0	94.0	94.0	94.0
GE 200	58.6	79.4	81.7	84.6	86.3	89.0	91.4	93.0	93.1	94.7	95.4	95.4	96.5	96.5	96.5	96.5
GE 100	58.6	79.4	81.7	84.6	86.3	89.0	91.4	93.0	93.1	94.8	95.9	95.9	97.6	97.6	98.0	98.8
GE 0	58.6	79.4	81.7	84.6	86.3	89.0	91.4	93.0	93.1	94.8	95.9	95.9	97.8	97.8	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87

MONTH: FEB HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	44.2	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 20000	52.7	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 18000	52.7	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 16000	52.7	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 14000	53.1	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 12000	53.9	60.8	60.8	60.8	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 10000	55.4	63.2	63.2	63.2	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 9000	55.6	63.4	63.4	63.4	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 8000	56.5	65.0	65.0	65.0	65.1	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 7000	57.0	66.0	66.2	66.2	66.3	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 6000	57.1	66.1	66.3	66.3	66.4	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 5000	57.9	68.3	68.6	68.7	68.8	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 4500	59.3	70.2	70.6	70.7	70.8	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 4000	60.3	71.6	72.1	72.2	72.3	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 3500	61.6	73.3	73.8	74.0	74.1	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 3000	62.9	75.5	76.1	76.5	76.7	77.0	77.0	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 2500	63.7	77.7	78.4	78.7	79.1	79.3	79.3	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 2000	64.3	79.2	79.9	80.3	80.7	81.0	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 1800	64.5	80.0	80.7	81.1	81.6	81.9	81.9	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 1500	64.8	80.9	81.7	82.2	82.6	83.1	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 1200	64.8	81.4	82.5	83.1	83.7	84.2	84.2	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 1000	64.8	82.5	83.6	84.4	85.2	85.8	85.9	86.1	86.1	86.4	86.4	86.4	86.5	86.5	86.5	86.5
GE 900	64.8	82.5	83.6	84.4	85.2	85.8	85.9	86.2	86.2	86.8	86.8	86.8	87.0	87.0	87.0	87.0
GE 800	64.8	83.1	84.2	85.2	86.2	86.9	87.0	87.2	87.2	87.8	87.8	87.8	88.1	88.1	88.1	88.1
GE 700	64.8	83.7	84.9	86.3	87.4	88.2	88.4	88.8	88.8	89.4	89.4	89.4	89.6	89.6	89.6	89.6
GE 600	64.8	83.9	85.2	87.0	88.2	89.0	89.2	89.6	89.6	90.3	90.3	90.3	90.5	90.5	90.5	90.5
GE 500	64.9	84.3	85.8	88.4	90.3	91.4	91.8	92.2	92.3	93.3	93.4	93.4	93.6	93.6	93.6	93.6
GE 400	64.9	84.3	85.8	88.5	90.8	92.1	92.8	93.3	93.4	94.3	94.7	94.7	95.0	95.0	95.0	95.0
GE 300	64.9	84.3	85.9	88.7	91.1	92.7	93.5	94.2	94.3	95.3	95.6	95.6	96.2	96.2	96.2	96.3
GE 200	64.9	84.3	86.1	88.8	91.3	92.8	94.3	95.2	95.3	96.8	97.2	97.2	98.0	98.0	98.1	98.2
GE 100	64.9	84.3	86.1	88.8	91.3	92.8	94.3	95.2	95.3	97.0	97.5	97.5	98.8	98.8	99.1	99.5
GE 0	64.9	84.3	86.1	88.8	91.3	92.8	94.3	95.2	95.3	97.0	97.5	97.5	98.9	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: FEB HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	43.4	47.3	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 20000	50.5	56.6	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 18000	50.7	56.9	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 16000	50.7	56.9	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 14000	51.2	57.3	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 12000	51.8	58.0	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 10000	54.0	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 9000	54.3	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 8000	55.8	63.4	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 7000	57.3	65.5	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 6000	57.8	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 5000	58.9	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 4500	60.6	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 4000	61.9	72.0	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 3500	63.2	73.4	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 3000	64.5	75.4	75.5	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 2500	65.0	77.7	77.8	78.4	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 2000	66.2	79.6	79.9	80.6	81.1	81.3	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 1800	66.3	79.9	80.3	81.2	81.7	81.9	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 1500	66.4	81.1	81.6	82.6	83.1	83.3	83.6	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8
GE 1200	66.7	82.6	83.1	84.4	85.0	85.3	85.6	85.7	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9
GE 1000	67.0	83.7	84.3	85.7	86.4	86.8	87.0	87.1	87.1	87.2	87.7	87.7	87.7	87.7	87.7	87.7
GE 900	67.0	83.9	84.6	86.1	86.8	87.1	87.4	87.5	87.5	87.6	88.1	88.1	88.1	88.1	88.1	88.1
GE 800	67.0	84.4	85.1	86.5	87.4	87.7	87.9	88.1	88.1	88.2	88.7	88.7	88.8	88.8	88.8	88.8
GE 700	67.0	84.6	85.7	87.4	88.5	89.0	89.4	89.5	89.5	89.8	90.3	90.3	90.4	90.4	90.4	90.4
GE 600	67.0	84.9	86.1	87.8	89.1	89.6	90.1	90.2	90.2	90.7	91.1	91.1	91.3	91.3	91.3	91.3
GE 500	67.0	84.9	86.1	87.9	89.4	90.1	90.5	91.0	91.0	91.7	92.7	92.7	92.8	92.8	92.8	92.8
GE 400	67.0	85.0	86.2	88.1	89.8	90.9	91.8	92.3	92.3	93.0	94.0	94.0	94.1	94.1	94.1	94.1
GE 300	67.0	85.0	86.3	88.2	90.5	91.8	93.4	94.0	94.0	95.2	96.2	96.2	96.3	96.3	96.3	96.3
GE 200	67.0	85.0	86.4	88.3	90.7	92.0	93.9	94.9	94.9	96.5	97.6	97.6	98.0	98.0	98.2	98.2
GE 100	67.0	85.0	86.4	88.3	90.7	92.0	93.9	94.9	94.9	96.5	97.9	97.9	98.3	98.3	98.9	99.4
GE 0	67.0	85.0	86.4	88.3	90.7	92.0	93.9	94.9	94.9	96.5	97.9	97.9	98.3	98.3	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: FEB HOURS(IST): 1800-2000

CEILING IN FEET	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	45.9	51.1	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 20000	50.5	57.2	58.2	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 18000	50.5	57.2	58.2	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 16000	50.7	57.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 14000	50.7	57.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 12000	51.4	58.3	59.2	59.2	59.2	59.2	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 10000	53.1	60.3	61.3	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 9000	53.1	60.6	61.7	61.9	61.9	61.9	61.9	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 8000	55.0	63.1	64.2	64.5	64.5	64.5	64.5	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 7000	56.4	65.5	66.7	67.1	67.1	67.1	67.1	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 6000	57.3	66.5	67.7	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 5000	59.5	69.3	70.4	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 4500	61.0	71.6	72.8	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 4000	61.8	72.5	73.6	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 3500	62.8	74.0	75.3	75.8	75.8	75.8	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 3000	63.1	74.3	75.7	76.4	76.4	76.4	76.4	76.4	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 2500	64.7	76.8	78.1	79.2	79.2	79.2	79.2	79.2	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 2000	66.2	79.1	80.5	81.7	81.7	81.7	81.7	81.7	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 1800	67.0	80.1	81.6	82.7	82.7	82.7	82.7	82.7	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 1500	67.1	80.6	82.0	83.3	83.3	83.3	83.3	83.3	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 1200	67.5	81.9	83.5	84.9	85.0	85.0	85.0	85.0	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 1000	68.0	82.5	84.0	85.5	85.8	85.8	85.8	85.8	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 900	68.2	83.1	84.6	86.1	86.4	86.4	86.4	86.4	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 800	68.4	83.6	85.2	86.6	87.0	87.0	87.0	87.0	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 700	68.4	83.6	85.2	86.6	87.1	87.1	87.1	87.1	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 600	68.4	83.7	85.3	87.1	87.6	87.6	87.6	87.6	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 500	68.4	84.2	85.8	87.8	88.4	88.4	88.4	88.4	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 400	68.4	84.4	86.1	88.1	88.9	88.9	88.9	88.9	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 300	68.4	84.5	86.4	88.4	89.7	89.7	89.7	89.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 200	68.4	84.5	86.4	88.5	89.8	89.8	89.8	89.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 100	68.4	84.5	86.4	88.5	89.8	89.8	89.8	89.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 0	68.4	84.5	86.4	88.5	89.8	89.8	89.8	89.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY TAP NJ

PERIOD OF RECORD: 78-87  
MONTH: FEB HOURS(IST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	51.1	55.0	55.3	55.3	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.8	55.2	55.8	55.8
GE 20000	53.8	58.2	58.6	58.6	59.0	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.3	59.3	59.3	59.3
GE 18000	53.9	58.3	58.7	58.7	59.1	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.5	59.5	59.5	59.5
GE 16000	54.0	58.4	58.9	58.9	59.2	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.6	59.6
GE 14000	54.0	58.4	58.9	58.9	59.2	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.6	59.6
GE 12000	54.8	59.3	59.8	59.8	60.2	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.5	60.5	60.5	60.5
GE 10000	56.5	61.2	61.7	61.7	62.1	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4
GE 9000	56.5	61.7	62.2	62.2	62.5	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.9	62.9	62.9	62.9
GE 8000	58.0	63.2	63.7	63.7	64.1	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4
GE 7000	59.1	64.7	65.1	65.1	65.5	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8
GE 6000	59.7	65.2	65.7	65.7	66.1	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.4	66.4	66.4	66.4
GE 5000	61.2	67.4	67.8	67.8	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.6	68.6	68.6	68.6
GE 4500	62.4	69.7	70.2	70.2	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.9	70.9	70.9	70.9
GE 4000	63.1	71.4	72.0	72.0	72.3	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7
GE 3500	64.2	72.6	73.4	73.4	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.5	74.5	74.5	74.5
GE 3000	66.0	74.8	75.9	75.9	76.6	77.0	77.3	77.4	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.5
GE 2500	67.5	76.6	77.8	77.9	78.6	79.0	79.3	79.4	79.4	79.4	79.4	79.4	79.6	79.6	79.6	79.6
GE 2000	68.7	78.7	80.1	81.0	81.8	82.2	82.6	82.7	82.7	82.7	82.7	82.7	82.9	82.9	82.9	82.9
GE 1800	69.1	79.9	81.4	82.5	83.3	83.7	84.3	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5
GE 1500	69.3	80.3	81.8	83.0	83.8	84.2	84.8	84.9	84.9	85.0	85.0	85.0	85.1	85.1	85.1	85.1
GE 1200	69.7	81.1	82.6	83.8	84.6	85.0	85.6	85.9	85.9	86.1	86.1	86.1	86.2	86.2	86.2	86.2
GE 1000	69.9	81.7	83.3	84.6	85.7	86.2	86.8	87.2	87.2	87.4	87.5	87.5	87.6	87.6	87.6	87.6
GE 900	69.9	81.7	83.3	84.6	85.8	86.3	86.9	87.4	87.4	87.5	87.6	87.6	87.7	87.7	87.7	87.7
GE 800	70.0	81.8	83.5	84.8	85.9	86.4	87.1	87.7	87.7	87.8	87.9	87.9	88.1	88.1	88.1	88.1
GE 700	70.2	82.0	83.7	85.0	86.2	86.6	87.4	88.2	88.2	88.3	88.4	88.4	88.5	88.5	88.5	88.5
GE 600	70.2	82.2	83.8	85.1	86.6	87.1	87.9	88.8	88.8	89.0	89.1	89.1	89.2	89.2	89.2	89.2
GE 500	70.2	82.3	84.0	85.5	87.1	87.7	88.8	89.6	89.6	89.8	90.3	90.3	90.4	90.4	90.4	90.4
GE 400	70.2	82.4	84.4	85.8	87.5	88.3	89.6	91.1	91.1	91.6	92.2	92.2	92.4	92.4	92.4	92.4
GE 300	70.2	82.6	84.6	86.1	88.2	89.0	90.7	92.9	92.9	93.6	94.2	94.2	94.7	94.7	95.0	95.0
GE 200	70.2	82.7	84.8	86.2	88.8	89.6	92.2	95.0	95.0	96.0	96.7	96.7	97.3	97.3	97.6	97.6
GE 100	70.2	82.7	84.8	86.2	88.8	89.6	92.2	95.2	95.2	96.2	97.0	97.0	98.0	98.0	99.1	99.2
GE 0	70.2	82.7	84.8	86.2	88.8	89.6	92.2	95.2	95.2	96.2	97.0	97.0	98.0	98.0	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 846

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: FEB HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	10	6	5	4	3	2	1 1/2	1	1/2	1 1/4	1	3/4	5/8	1/2	5/16
GE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NO CEIL	46.2	51.0	51.4	51.6	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.9	51.9
GE 20000	51.3	57.2	57.8	58.0	58.1	58.2	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.5
GE 18000	51.4	57.4	58.0	58.2	58.3	58.4	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.7	58.7
GE 16000	51.5	57.5	58.1	58.3	58.4	58.5	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.8	58.8	58.9
GE 14000	51.9	57.9	58.5	58.8	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.3
GE 12000	52.7	58.9	59.5	59.7	59.8	60.0	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.4
GE 10000	54.1	60.8	61.5	61.7	61.8	62.0	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.3	62.3
GE 9000	54.3	61.1	61.8	62.1	62.2	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.7
GE 8000	55.8	63.1	63.8	64.1	64.2	64.4	64.6	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.8
GE 7000	56.9	64.7	65.5	65.8	65.9	66.1	66.2	66.3	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.5
GE 6000	57.3	65.2	66.0	66.3	66.4	66.6	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9	67.0
GE 5000	58.5	67.1	67.9	68.3	68.4	68.5	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9
GE 4500	59.8	69.0	69.9	70.3	70.4	70.6	70.8	70.8	70.8	70.8	70.8	70.9	70.9	70.9	71.0	71.1
GE 4000	60.8	70.6	71.5	72.0	72.1	72.3	72.4	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.7
GE 3500	61.9	72.1	73.1	73.6	73.8	74.0	74.1	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.4
GE 3000	63.0	73.7	74.8	75.5	75.8	76.0	76.2	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.5	76.6
GE 2500	64.0	75.6	76.9	77.7	78.1	78.4	78.6	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.9	79.0
GE 2000	64.8	77.1	78.4	79.4	79.9	80.2	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.8	80.9
GE 1800	65.2	77.7	79.1	80.2	80.7	81.0	81.4	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.7	81.8
GE 1500	65.4	78.3	79.7	80.9	81.5	81.9	82.2	82.3	82.4	82.4	82.4	82.5	82.5	82.5	82.6	82.7
GE 1200	65.6	79.1	80.6	81.8	82.5	82.8	83.3	83.4	83.5	83.5	83.5	83.6	83.6	83.7	83.7	83.8
GE 1000	65.8	79.8	81.3	82.7	83.5	83.9	84.5	84.7	84.7	84.7	84.9	85.0	85.0	85.1	85.1	85.2
GE 900	65.9	79.9	81.5	82.8	83.7	84.1	84.7	85.0	85.0	85.0	85.2	85.4	85.4	85.5	85.5	85.6
GE 800	65.9	80.2	81.8	83.2	84.1	84.7	85.3	85.6	85.6	85.6	85.9	86.0	86.0	86.2	86.2	86.3
GE 700	66.0	80.4	82.2	83.8	84.8	85.5	86.1	86.5	86.6	86.6	87.0	87.2	87.2	87.4	87.4	87.5
GE 600	66.0	80.6	82.5	84.3	85.4	86.1	87.0	87.4	87.4	87.4	87.9	88.2	88.2	88.4	88.4	88.6
GE 500	66.1	81.0	82.9	85.0	86.4	87.4	88.4	89.1	89.1	89.8	90.2	90.2	90.2	90.5	90.5	90.6
GE 400	66.1	81.2	83.3	85.6	87.2	88.6	89.9	90.9	90.9	91.7	92.3	92.3	92.3	92.6	92.6	92.7
GE 300	66.1	81.3	83.4	85.8	87.8	89.3	91.0	92.3	92.4	93.3	94.0	94.0	94.0	94.4	94.4	94.7
GE 200	66.1	81.3	83.5	85.8	87.9	89.5	91.8	93.5	93.6	94.9	95.8	95.8	95.8	96.5	96.5	97.0
GE 100	66.1	81.3	83.5	85.9	88.0	89.5	91.9	93.7	93.8	95.2	96.3	96.3	96.3	97.4	97.4	98.9
GE 0	66.1	81.3	83.5	85.9	88.0	89.5	91.9	93.7	93.8	95.2	96.3	96.3	96.3	97.5	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 6768

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	50.5	52.6	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	53.1
GE 20000	55.4	57.5	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.2
GE 18000	55.5	57.6	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.3
GE 16000	55.7	57.8	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.5
GE 14000	55.8	58.0	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.6
GE 12000	57.3	59.7	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.3
GE 10000	60.8	63.2	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.9
GE 9000	61.4	63.9	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.5
GE 8000	62.3	65.1	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.7
GE 7000	64.0	67.0	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.6
GE 6000	64.2	67.2	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.8
GE 5000	66.2	69.4	69.8	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.2
GE 4500	68.3	71.9	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.8
GE 4000	69.4	73.3	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.2
GE 3500	70.9	75.7	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.6
GE 3000	73.0	78.6	79.0	79.1	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.7
GE 2500	75.4	81.6	82.6	82.8	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.4
GE 2000	76.5	83.1	84.3	84.5	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.3
GE 1800	76.7	83.5	84.7	84.9	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.7
GE 1500	76.8	84.4	85.6	85.9	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.7
GE 1200	77.3	85.1	86.3	86.7	87.1	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.6
GE 1000	77.4	85.4	86.7	87.0	87.4	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	88.0
GE 900	77.5	85.8	87.1	87.4	88.0	88.2	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.8
GE 800	77.6	86.1	87.4	87.7	88.3	88.5	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.1
GE 700	77.6	86.3	87.6	88.3	88.9	89.2	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.9
GE 600	78.1	87.0	88.3	89.1	90.3	90.8	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.5
GE 500	78.3	87.8	89.2	90.2	91.7	92.2	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.9
GE 400	78.3	88.5	90.1	91.2	92.8	93.3	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.4
GE 300	78.4	88.6	90.6	92.2	94.3	95.2	96.5	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.2
GE 200	78.4	88.7	90.8	92.4	94.7	95.9	97.5	98.0	98.0	98.3	98.8	98.8	98.9	98.9	98.9	99.1
GE 100	78.4	88.7	90.8	92.4	94.7	95.9	97.5	98.0	98.0	98.4	98.9	98.9	99.1	99.1	99.5	99.8
GE 0	73.4	88.7	90.8	92.4	94.7	95.9	97.5	98.0	98.0	98.4	98.9	98.9	99.1	99.1	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS(IST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	48.0	50.5	50.5	50.5	50.8	50.8	50.9	51.0	51.0	51.0	51.0	51.0	51.1	51.2	51.4	51.7
GE 20000	52.5	55.1	55.1	55.1	55.3	55.3	55.4	55.5	55.5	55.5	55.5	55.5	55.6	55.7	55.9	56.2
GE 18000	52.6	55.2	55.2	55.2	55.4	55.4	55.5	55.6	55.6	55.6	55.6	55.6	55.7	55.8	56.0	56.3
GE 16000	52.8	55.4	55.4	55.4	55.6	55.6	55.7	55.8	55.8	55.8	55.8	55.8	55.9	56.0	56.2	56.6
GE 14000	53.2	55.8	55.8	55.8	56.0	56.0	56.1	56.2	56.2	56.2	56.2	56.2	56.3	56.5	56.7	57.0
GE 12000	56.1	58.8	58.8	58.8	59.0	59.0	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.4	59.7	60.0
GE 10000	58.1	61.0	61.1	61.1	61.3	61.3	61.4	61.5	61.5	61.5	61.5	61.5	61.6	61.7	61.9	62.3
GE 9000	58.7	61.6	61.7	61.7	61.9	61.9	62.0	62.2	62.2	62.2	62.2	62.2	62.3	62.4	62.6	62.9
GE 8000	59.4	62.6	62.7	62.7	62.9	62.9	63.0	63.1	63.1	63.1	63.1	63.1	63.2	63.3	63.5	63.9
GE 7000	61.2	64.5	64.6	64.6	64.8	64.8	64.9	65.1	65.1	65.1	65.1	65.1	65.2	65.3	65.5	65.8
GE 6000	61.6	65.2	65.3	65.3	65.5	65.5	65.6	65.7	65.7	65.7	65.7	65.7	65.8	65.9	66.1	66.5
GE 5000	64.4	68.6	68.9	68.9	69.1	69.1	69.2	69.4	69.4	69.4	69.4	69.4	69.5	69.6	69.8	70.1
GE 4500	65.7	70.4	70.8	70.8	71.0	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.3	71.4	71.6	71.9
GE 4000	66.6	71.4	71.7	71.7	71.9	71.9	72.2	72.3	72.3	72.3	72.3	72.3	72.4	72.5	72.7	73.0
GE 3500	67.5	72.4	72.7	72.7	72.9	72.9	73.1	73.2	73.2	73.2	73.2	73.2	73.3	73.4	73.7	74.0
GE 3000	69.7	75.5	75.8	75.8	76.0	76.0	76.2	76.3	76.3	76.3	76.3	76.3	76.5	76.6	76.8	77.1
GE 2500	71.4	77.7	78.4	78.5	78.8	78.8	79.0	79.1	79.1	79.1	79.1	79.1	79.4	79.5	79.8	80.2
GE 2000	73.2	79.9	80.5	80.8	81.1	81.1	81.3	81.4	81.4	81.4	81.4	81.4	81.6	81.7	82.0	82.5
GE 1800	73.5	80.5	81.2	81.5	81.8	81.9	82.2	82.3	82.3	82.3	82.3	82.3	82.5	82.6	82.9	83.3
GE 1500	74.4	81.6	82.3	82.7	83.0	83.2	83.5	83.7	83.7	83.7	83.7	83.7	83.9	84.0	84.3	84.7
GE 1200	74.7	82.0	82.7	83.2	83.5	83.8	84.1	84.2	84.2	84.2	84.2	84.2	84.4	84.5	84.8	85.3
GE 1000	74.8	82.6	83.3	84.1	84.4	84.6	84.9	85.1	85.1	85.1	85.1	85.1	85.5	85.6	85.9	86.3
GE 900	74.8	82.7	83.4	84.3	84.6	84.8	85.2	85.4	85.4	85.4	85.4	85.4	85.8	85.9	86.2	86.8
GE 800	75.1	83.3	84.2	85.1	85.4	85.6	85.9	86.1	86.1	86.2	86.2	86.2	86.7	86.8	87.1	87.6
GE 700	75.6	84.3	85.2	86.2	86.6	86.8	87.1	87.3	87.3	87.4	87.4	87.4	87.8	88.0	88.3	88.8
GE 600	75.7	85.1	85.9	87.1	87.5	87.7	88.2	88.4	88.4	88.5	88.5	88.5	88.9	89.0	89.4	89.9
GE 500	76.0	85.8	86.9	88.6	89.6	89.9	90.4	90.6	90.8	90.9	90.9	90.9	91.3	91.4	91.7	92.3
GE 400	76.2	86.5	87.8	89.9	91.2	91.5	92.2	92.4	92.5	92.6	92.6	92.6	93.0	93.1	93.4	94.0
GE 300	76.2	86.8	88.3	90.6	92.5	93.0	94.1	94.4	94.7	95.1	95.1	95.1	95.5	95.6	95.9	96.5
GE 200	76.2	87.0	88.7	91.2	93.2	93.8	94.9	95.7	96.0	96.6	96.7	96.7	97.3	97.6	98.0	98.5
GE 100	76.2	87.0	88.7	91.2	93.3	93.9	95.1	95.8	96.1	96.7	96.8	96.8	97.8	98.2	99.1	99.7
GE 0	76.2	87.0	88.7	91.2	93.3	93.9	95.1	95.8	96.1	96.7	96.8	96.8	97.8	98.2	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	43.0	48.7	49.7	49.9	50.0	50.0	50.2	50.4	50.4	50.5	50.6	50.6	50.8	50.8	50.9	51.4
GE 20000	46.9	53.2	54.3	54.5	54.7	54.7	54.9	55.2	55.2	55.3	55.4	55.4	55.5	55.5	55.6	56.1
GE 18000	47.0	53.3	54.4	54.6	54.8	54.8	55.1	55.3	55.3	55.4	55.5	55.5	55.6	55.6	55.7	56.2
GE 16000	47.0	53.3	54.4	54.6	54.8	54.8	55.1	55.3	55.3	55.4	55.5	55.5	55.6	55.6	55.7	56.2
GE 14000	47.3	53.7	54.7	54.9	55.2	55.2	55.4	55.6	55.6	55.7	55.8	55.8	55.9	55.9	56.0	56.6
GE 12000	49.5	55.9	57.1	57.3	57.5	57.5	57.7	58.0	58.0	58.1	58.2	58.2	58.3	58.3	58.4	58.9
GE 10000	51.1	57.7	58.9	59.1	59.4	59.4	59.6	59.8	59.8	59.9	60.0	60.0	60.1	60.1	60.2	60.8
GE 9000	51.6	58.3	59.5	59.7	59.9	59.9	60.1	60.3	60.3	60.4	60.5	60.5	60.6	60.6	60.8	61.3
GE 8000	53.2	60.2	61.8	62.0	62.3	62.3	62.5	62.7	62.7	62.8	62.9	62.9	63.0	63.0	63.1	63.7
GE 7000	54.5	61.9	63.5	64.0	64.3	64.3	64.5	64.7	64.7	64.8	64.9	64.9	65.1	65.1	65.2	65.7
GE 6000	54.7	62.6	64.2	64.6	64.9	64.9	65.2	65.4	65.4	65.5	65.6	65.6	65.7	65.7	65.8	66.3
GE 5000	57.7	65.9	67.5	68.1	68.5	68.5	68.7	68.9	68.9	69.0	69.1	69.1	69.2	69.2	69.4	69.9
GE 4500	58.9	67.7	69.7	70.3	70.8	70.8	71.0	71.2	71.2	71.3	71.4	71.4	71.5	71.5	71.6	72.2
GE 4000	60.0	69.0	71.0	71.6	72.0	72.0	72.3	72.5	72.5	72.6	72.7	72.7	72.8	72.8	72.9	73.4
GE 3500	61.4	70.9	72.8	73.4	73.9	73.9	74.1	74.3	74.3	74.4	74.5	74.5	74.6	74.6	74.7	75.3
GE 3000	63.4	73.7	75.9	76.6	77.0	77.0	77.2	77.4	77.4	77.5	77.6	77.6	77.7	77.7	77.8	78.4
GE 2500	64.5	75.2	77.5	78.5	79.0	79.1	79.4	79.6	79.6	79.7	79.8	79.8	80.0	80.0	80.1	80.6
GE 2000	65.1	76.7	79.0	80.2	80.8	80.9	81.1	81.3	81.3	81.4	81.5	81.5	81.7	81.7	81.8	82.4
GE 1800	66.1	78.1	80.4	81.6	82.2	82.3	82.5	82.7	82.7	82.8	82.9	82.9	83.1	83.1	83.2	83.8
GE 1500	66.7	78.7	81.1	82.4	82.9	83.0	83.2	83.5	83.5	83.7	83.8	83.8	84.0	84.0	84.1	84.6
GE 1200	67.0	79.1	81.5	82.8	83.4	83.5	83.8	84.1	84.1	84.2	84.3	84.3	84.5	84.5	84.6	85.2
GE 1000	67.2	79.8	82.2	83.7	84.5	84.7	85.1	85.4	85.4	85.5	85.6	85.6	85.8	85.8	85.9	86.5
GE 900	67.2	79.9	82.3	83.9	84.9	85.2	85.5	85.8	85.8	85.9	86.0	86.0	86.2	86.2	86.3	87.0
GE 800	67.2	80.3	82.7	84.4	85.5	85.7	86.1	86.5	86.5	86.6	86.7	86.7	86.9	86.9	87.0	87.6
GE 700	67.2	80.9	83.4	85.4	86.7	87.0	87.6	88.0	88.0	88.2	88.3	88.3	88.6	88.6	88.7	89.4
GE 600	67.2	81.2	83.8	85.8	87.4	87.8	88.6	89.0	89.0	89.5	89.6	89.6	89.9	89.9	90.0	90.6
GE 500	67.2	81.3	84.3	86.5	88.3	89.0	89.8	90.3	90.3	90.8	91.0	91.0	91.3	91.3	91.4	92.0
GE 400	67.3	81.4	84.8	87.3	89.5	90.4	91.5	92.4	92.4	92.9	93.1	93.1	93.4	93.4	93.5	94.2
GE 300	67.3	81.5	85.3	88.0	90.3	91.3	92.6	93.9	94.0	94.7	94.9	95.1	95.4	95.4	95.5	96.1
GE 200	67.3	81.5	85.3	88.1	90.4	91.6	93.0	94.5	94.6	95.8	96.0	96.1	96.9	96.9	97.2	97.8
GE 100	67.3	81.5	85.3	88.1	90.4	91.6	93.1	94.6	94.7	96.0	96.2	96.3	97.7	97.8	98.5	99.5
GE 0	67.3	81.5	85.3	88.1	90.4	91.6	93.1	94.6	94.7	96.0	96.2	96.3	97.7	97.8	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS(IST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	46.2	51.6	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 20000	50.8	56.9	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 18000	51.0	57.1	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 16000	51.0	57.1	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 14000	51.1	57.2	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 12000	52.5	59.1	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 10000	53.9	60.9	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 9000	54.4	61.7	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 8000	55.9	63.7	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 7000	56.2	64.2	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 6000	57.0	65.1	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 5000	58.0	67.2	68.1	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 4500	58.7	68.5	69.5	69.7	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 4000	59.9	69.8	70.8	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 3500	61.5	71.5	72.7	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 3000	63.7	74.7	75.9	76.6	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 2500	64.6	76.8	78.2	79.0	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 2000	65.7	78.5	80.1	81.1	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 1800	66.2	79.6	81.5	82.5	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 1500	67.1	81.5	83.4	84.5	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 1200	67.3	82.0	84.1	85.4	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 1000	67.4	83.0	85.1	86.7	87.5	87.5	87.5	87.7	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 900	67.6	83.5	85.6	87.2	88.1	88.1	88.1	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 800	67.7	84.0	86.1	87.8	88.7	88.9	88.9	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 700	67.7	84.5	86.8	88.8	89.9	90.1	90.1	90.4	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 600	67.7	84.9	87.2	89.6	90.9	91.1	91.2	91.5	91.7	91.8	92.0	92.0	92.0	92.0	92.0	92.0
GE 500	68.0	85.4	87.6	90.2	92.3	92.8	93.2	94.2	94.5	94.6	94.9	94.9	95.1	95.1	95.1	95.1
GE 400	68.0	85.5	87.7	90.5	92.9	93.8	94.2	95.3	95.6	95.7	96.1	96.1	96.3	96.3	96.3	96.3
GE 300	68.0	85.5	88.0	91.0	93.5	94.6	95.2	96.5	96.8	97.0	97.5	97.5	97.7	97.7	97.7	97.7
GE 200	68.0	85.5	88.0	91.3	93.9	94.9	95.5	97.0	97.3	97.8	98.5	98.5	98.8	98.8	98.9	98.9
GE 100	68.0	85.5	88.0	91.3	93.9	94.9	95.5	97.2	97.5	98.2	98.8	98.8	99.1	99.1	99.4	99.6
GE 0	68.0	85.5	88.0	91.3	93.9	94.9	95.5	97.2	97.5	98.2	98.8	98.8	99.2	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	44.0	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE 20000	51.2	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 18000	51.3	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 16000	51.3	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 14000	51.5	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 12000	52.3	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 10000	53.5	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 9000	54.1	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 8000	55.7	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 7000	55.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 6000	56.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 5000	58.6	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 4500	60.6	67.8	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 4000	62.2	70.1	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 3500	64.0	72.6	72.7	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 3000	66.0	75.5	75.9	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 2500	68.6	79.1	79.6	80.0	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 2000	69.5	80.9	81.7	82.5	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 1800	70.0	82.7	83.5	84.3	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 1500	70.2	83.4	84.3	85.3	85.6	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 1200	70.4	84.5	85.5	86.6	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 1000	70.9	86.0	87.1	88.3	88.6	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 900	70.9	86.0	87.1	88.3	88.8	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 800	70.9	86.3	87.4	88.6	89.2	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 700	71.2	87.3	88.7	89.9	90.8	91.6	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 600	71.2	87.3	88.8	90.3	91.3	92.2	92.6	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 500	71.2	87.5	89.1	90.9	92.8	94.1	94.8	96.0	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3
GE 400	71.2	87.6	89.2	91.2	93.3	94.7	95.8	97.1	97.1	97.4	97.5	97.5	97.6	97.6	97.6	97.6
GE 300	71.2	87.6	89.2	91.4	93.8	95.2	96.2	97.5	97.5	98.1	98.3	98.3	98.4	98.5	98.6	98.6
GE 200	71.2	87.6	89.2	91.4	93.8	95.2	96.6	97.8	97.8	98.6	98.9	98.9	99.2	99.4	99.5	99.5
GE 100	71.2	87.6	89.2	91.4	93.8	95.2	96.6	97.8	97.8	98.6	99.0	99.0	99.4	99.8	99.9	99.9
GE 0	71.2	87.6	89.2	91.4	93.8	95.2	96.6	97.8	97.8	98.6	99.0	99.0	99.4	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS (LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	42.3	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 20000	50.2	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 18000	50.2	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 16000	50.3	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 14000	50.6	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 12000	51.7	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 10000	53.5	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 9000	54.3	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 8000	56.2	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 7000	56.9	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 6000	57.3	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 5000	59.0	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 4500	61.4	70.4	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 4000	63.9	73.5	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 3500	65.4	75.7	76.2	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 3000	67.4	78.4	79.5	79.7	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 2500	68.6	80.8	81.6	82.0	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 2000	69.7	82.4	83.2	83.7	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 1800	69.8	82.6	83.4	83.9	84.0	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 1500	70.4	84.2	85.3	85.7	85.8	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 1200	70.8	84.9	86.1	86.6	86.8	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 1000	71.0	85.7	87.0	87.4	87.7	87.8	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 900	71.0	86.0	87.4	87.8	88.4	88.8	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 800	71.0	86.6	88.1	88.6	89.1	89.6	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 700	71.1	86.8	88.3	89.0	90.0	90.5	91.2	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7
GE 600	71.1	86.8	88.4	89.4	90.5	91.5	92.2	92.6	92.7	92.8	92.9	92.9	92.9	92.9	92.9
GE 500	71.1	86.8	88.5	89.9	91.7	93.4	94.5	95.2	95.3	95.6	95.8	95.8	95.8	95.8	95.8
GE 400	71.1	86.8	88.5	90.4	92.5	94.5	95.9	96.9	97.0	97.3	97.5	97.5	97.5	97.5	97.5
GE 300	71.1	86.8	88.5	90.6	92.7	94.7	96.5	97.4	97.5	98.0	98.4	98.4	98.4	98.4	98.4
GE 200	71.1	86.8	88.5	90.6	92.8	95.1	97.0	98.1	98.2	98.7	99.2	99.2	99.4	99.4	99.4
GE 100	71.1	86.8	88.5	90.6	92.8	95.1	97.0	98.1	98.2	98.7	99.2	99.2	99.4	99.6	99.7
GE 0	71.1	86.8	88.5	90.6	92.8	95.1	97.0	98.1	98.2	98.7	99.2	99.2	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	44.8	47.4	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.1
GE 20000	52.0	55.8	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6
GE 18000	52.0	55.8	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6
GE 16000	52.0	55.8	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6
GE 14000	52.0	55.8	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6
GE 12000	53.4	58.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.8
GE 10000	55.3	60.6	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.4
GE 9000	55.7	61.4	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.3
GE 8000	58.0	64.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2
GE 7000	59.1	65.3	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3
GE 6000	59.5	65.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.7
GE 5000	61.2	67.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.7
GE 4500	64.3	71.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9
GE 4000	65.4	73.3	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6
GE 3500	67.7	76.0	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.5
GE 3000	69.2	78.4	79.5	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4
GE 2500	70.4	80.2	81.4	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4
GE 2000	70.9	81.5	82.9	83.5	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0
GE 1800	71.2	82.3	83.7	84.3	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.7
GE 1500	71.8	83.1	84.5	85.2	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7
GE 1200	72.2	83.8	85.2	85.9	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.5
GE 1000	73.0	85.1	86.6	87.3	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8
GE 900	73.4	85.7	87.2	88.1	88.3	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.8
GE 800	73.5	86.2	87.7	88.6	88.8	89.0	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.6
GE 700	73.7	86.6	88.3	89.1	89.7	90.0	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.8
GE 600	73.7	86.7	88.4	89.4	89.9	90.6	91.5	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.0
GE 500	73.7	87.0	88.7	90.5	91.4	92.4	93.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7
GE 400	73.7	87.2	88.9	90.9	91.8	93.0	94.4	95.4	95.4	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1
GE 300	73.7	87.4	89.2	91.4	92.6	94.3	95.8	97.4	97.4	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.3
GE 200	73.8	87.6	89.5	91.6	92.8	94.5	96.1	98.0	98.0	98.7	98.8	98.8	98.8	99.0	99.0	99.1	99.2
GE 100	73.8	87.6	89.5	91.6	92.8	94.5	96.1	98.0	98.0	98.7	98.8	98.8	98.8	99.0	99.0	99.5	99.6
GE 0	73.8	87.6	89.5	91.6	92.8	94.5	96.1	98.0	98.0	98.7	98.8	98.8	98.8	99.0	99.0	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS (LST): 2100-2300

CEILING IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	48.8	51.8	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.4
GE 20000	54.1	57.4	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.3
GE 18000	54.4	57.7	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.6
GE 16000	54.4	57.7	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.6
GE 14000	54.4	57.7	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.6
GE 12000	55.5	58.8	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7
GE 10000	57.8	61.5	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.4
GE 9000	58.3	62.0	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.9
GE 8000	60.0	64.5	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.4
GE 7000	61.0	65.8	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.7
GE 6000	61.7	66.6	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4
GE 5000	63.7	68.6	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6
GE 4500	65.8	71.3	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.3
GE 4000	67.3	72.9	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.1
GE 3500	68.8	74.4	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1
GE 3000	70.9	78.5	79.5	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9
GE 2500	72.8	80.8	81.7	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.3
GE 2000	74.1	82.7	83.7	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2
GE 1800	74.2	82.8	83.8	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3
GE 1500	74.5	83.3	84.3	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.1
GE 1200	75.1	84.1	85.1	85.4	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9
GE 1000	75.5	85.3	86.2	86.6	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2
GE 900	75.9	86.1	87.1	87.4	87.7	87.8	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2
GE 800	76.3	86.6	87.5	87.8	88.2	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6
GE 700	76.7	87.2	88.5	89.1	89.8	90.1	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.5
GE 600	76.9	87.6	89.4	90.2	91.1	91.4	92.0	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.4
GE 500	77.1	88.0	89.7	91.1	91.9	92.4	93.2	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.1
GE 400	77.1	88.4	90.4	92.3	93.1	93.5	94.7	95.3	95.3	95.7	95.8	95.8	95.8	95.8	95.8	95.9
GE 300	77.1	88.5	90.6	92.8	93.9	94.8	96.2	96.9	96.9	97.7	97.8	97.8	97.8	97.8	98.0	98.1
GE 200	77.1	88.5	90.6	92.9	94.1	95.1	96.6	97.4	97.4	98.4	98.5	98.5	98.5	98.5	98.7	98.9
GE 100	77.1	88.5	90.6	92.9	94.1	95.1	96.7	97.5	97.5	98.5	98.8	98.8	98.9	99.0	99.4	99.6
GE 0	77.1	88.5	90.6	92.9	94.1	95.1	96.7	97.5	97.5	98.5	98.8	98.8	99.0	99.1	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: MAR HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	46.0	49.5	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.3
GE 20000	51.6	55.8	56.3	56.3	56.4	56.4	56.4	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.7
GE 18000	51.7	56.0	56.4	56.5	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.7	56.7	56.9
GE 16000	51.8	56.0	56.5	56.5	56.6	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.8	56.9
GE 14000	52.0	56.3	56.7	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	57.0	57.0	57.2
GE 12000	53.5	58.2	58.6	58.7	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.9	58.9	59.1
GE 10000	55.5	60.6	61.0	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.5
GE 9000	56.1	61.2	61.7	61.7	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.2
GE 8000	57.6	63.2	63.8	63.8	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.2
GE 7000	58.6	64.4	65.0	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.5
GE 6000	59.0	64.9	65.6	65.6	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.9	65.9	66.1
GE 5000	61.1	67.4	68.1	68.2	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.5	68.5	68.7
GE 4500	63.0	70.0	70.7	70.9	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.3
GE 4000	64.3	71.7	72.4	72.6	72.7	72.7	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	73.1
GE 3500	65.9	73.7	74.5	74.8	74.9	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.3
GE 3000	67.9	76.7	77.6	78.0	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.6
GE 2500	69.5	79.0	80.1	80.6	80.9	80.9	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.4
GE 2000	70.6	80.7	81.9	82.5	82.8	82.9	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.3
GE 1800	71.0	81.5	82.8	83.4	83.7	83.8	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.2
GE 1500	71.5	82.5	83.8	84.5	84.9	85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.5
GE 1200	71.8	83.2	84.6	85.3	85.7	85.8	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.4
GE 1000	72.2	84.1	85.5	86.4	86.8	87.0	87.2	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.7
GE 900	72.3	84.5	85.9	86.8	87.4	87.6	87.8	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.4
GE 800	72.4	84.9	86.4	87.3	87.9	88.2	88.5	88.7	88.7	88.7	88.7	88.7	88.8	88.8	88.9	89.1
GE 700	72.6	85.5	87.1	88.2	89.0	89.4	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.2	90.3	90.5
GE 600	72.7	85.8	87.5	88.9	89.9	90.4	90.9	91.3	91.3	91.3	91.5	91.5	91.5	91.6	91.6	91.9
GE 500	72.8	86.2	88.0	89.7	91.2	92.0	92.8	93.4	93.5	93.7	93.8	93.8	93.8	93.9	93.9	94.2
GE 400	72.8	86.5	88.5	90.5	92.1	93.1	94.1	94.9	94.9	95.2	95.4	95.4	95.4	95.5	95.5	95.8
GE 300	72.9	86.6	88.7	91.0	92.9	94.1	95.4	96.4	96.5	96.9	97.2	97.2	97.2	97.3	97.3	97.6
GE 200	72.9	86.7	88.8	91.2	93.2	94.5	95.9	97.1	97.2	97.9	98.2	98.2	98.2	98.5	98.6	98.9
GE 100	72.9	86.7	88.8	91.2	93.2	94.5	95.9	97.1	97.2	98.0	98.3	98.3	98.3	98.8	99.0	99.7
GE 0	72.9	86.7	88.8	91.2	93.2	94.5	95.9	97.1	97.2	98.0	98.3	98.3	98.3	98.8	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87

MONTH: APR

HOURS(IST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	46.9	50.4	50.8	51.0	51.1	51.1	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.3
GE 20000	49.9	53.7	54.0	54.2	54.3	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.6
GE 18000	50.0	53.8	54.1	54.3	54.4	54.4	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.7
GE 16000	50.0	53.8	54.1	54.3	54.4	54.4	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.8
GE 14000	50.1	53.9	54.2	54.4	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.9
GE 12000	50.9	54.7	55.0	55.2	55.3	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.7
GE 10000	51.9	55.8	56.1	56.3	56.4	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.9
GE 9000	52.7	56.6	56.9	57.1	57.2	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.7
GE 8000	54.3	58.7	59.2	59.4	59.6	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	60.0
GE 7000	55.4	59.8	60.3	60.6	60.9	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.3
GE 6000	56.0	60.4	61.1	61.3	61.7	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.1
GE 5000	59.2	64.3	65.2	65.6	65.9	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.3
GE 4500	61.8	67.6	68.4	68.8	69.3	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.8
GE 4000	62.7	68.8	69.7	70.0	70.6	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	71.0
GE 3500	63.7	70.4	71.3	71.8	72.3	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.8
GE 3000	65.1	72.1	73.2	73.7	74.2	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.7
GE 2500	66.1	73.8	74.9	75.4	76.0	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.6
GE 2000	67.3	75.3	76.6	77.3	77.9	78.0	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.4
GE 1800	67.6	75.6	76.8	77.6	78.1	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.7
GE 1500	68.6	77.0	78.2	79.0	79.6	79.7	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.1
GE 1200	69.2	78.1	79.4	80.3	80.9	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.4
GE 1000	70.0	79.0	80.4	81.4	82.1	82.2	82.2	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.8
GE 900	70.3	79.6	81.0	82.1	82.8	82.9	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.6
GE 800	70.4	80.6	82.0	83.1	83.8	83.9	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.7
GE 700	70.6	81.3	82.9	84.1	84.9	85.0	85.1	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	86.0
GE 600	70.6	81.7	83.3	84.6	85.4	85.6	85.9	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.9
GE 500	70.7	82.3	84.2	85.7	86.8	87.1	87.6	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.7
GE 400	70.7	82.9	84.9	86.8	87.9	88.2	88.9	89.9	89.9	90.1	90.1	90.1	90.1	90.2	90.2	90.6
GE 300	70.8	83.3	85.3	87.3	88.7	89.0	89.9	91.3	91.3	91.6	91.6	91.6	91.6	91.7	91.7	92.1
GE 200	70.8	83.6	85.8	87.9	89.7	90.0	91.3	93.1	93.1	93.7	93.8	93.8	93.8	93.9	93.9	94.7
GE 100	70.8	83.6	85.8	87.9	89.7	90.0	91.4	93.6	93.6	94.8	95.3	95.3	95.3	96.4	96.6	98.0
GE 0	70.8	83.6	85.8	87.9	89.7	90.0	91.4	93.6	93.6	94.8	95.3	95.3	95.3	96.4	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS(LST): 0300-0500

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET	1	GE 10	GE 6	GE 5	GE 4	GE 3	2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	1	45.2	49.3	49.7	50.0	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.4	
GE 20000		48.3	52.4	52.8	53.1	53.1	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.6	
GE 18000		48.3	52.4	52.8	53.1	53.1	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.6	
GE 16000		48.3	52.4	52.8	53.1	53.1	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.6	
GE 14000		48.4	52.6	52.9	53.2	53.2	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.7	
GE 12000		49.3	53.6	53.9	54.2	54.2	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.7	
GE 10000		50.1	54.6	54.9	55.2	55.2	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.8	
GE 9000		50.2	54.8	55.1	55.4	55.4	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.0	
GE 8000		51.6	56.6	57.1	57.6	57.7	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2	
GE 7000		53.3	58.7	59.2	59.7	59.8	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3	
GE 6000		53.8	59.1	59.7	60.1	60.2	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.8	
GE 5000		56.6	63.1	63.7	64.1	64.2	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.9	
GE 4500		59.3	66.3	66.9	67.6	67.8	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4	
GE 4000		60.7	68.1	68.7	69.3	69.6	69.9	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	
GE 3500		61.7	69.2	70.0	70.7	70.9	71.2	71.2	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.7	
GE 3000		63.4	71.3	72.2	72.9	73.4	73.8	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.3	
GE 2500		64.3	72.4	73.3	74.0	74.6	75.0	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.6	
GE 2000		64.9	73.2	74.1	74.9	75.4	75.9	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.4	
GE 1800		65.1	73.7	74.6	75.3	75.9	76.3	76.4	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.9	
GE 1500		65.6	74.7	75.6	76.3	76.9	77.4	77.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.0	
GE 1200		66.0	75.2	76.1	76.9	77.4	78.2	78.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.8	
GE 1000		66.3	75.9	76.8	77.6	78.1	78.9	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.4	
GE 900		66.4	76.1	77.0	77.9	78.4	79.2	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	
GE 800		66.4	76.4	77.4	78.3	78.9	79.7	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4	
GE 700		67.0	77.1	78.4	79.7	80.2	81.0	81.4	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9	
GE 600		67.1	77.9	79.3	81.0	81.6	82.3	82.8	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.3	
GE 500		67.8	79.1	80.7	82.7	83.9	84.8	85.4	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.1	
GE 400		67.8	79.7	81.2	83.6	85.2	86.4	87.1	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.9	
GE 300		68.0	80.3	82.1	85.3	87.7	89.0	90.1	90.8	90.8	91.3	91.3	91.3	91.3	91.3	91.3	91.4	
GE 200		68.0	80.6	82.3	85.7	88.3	89.7	90.9	91.7	91.7	92.7	93.0	93.0	93.4	93.4	93.4	93.6	
GE 100		68.0	80.6	82.3	85.8	88.4	89.8	91.2	92.4	92.4	93.6	94.2	94.2	95.2	95.2	96.3	97.3	
GE 0		68.0	80.6	82.3	85.8	88.4	89.8	91.2	92.4	92.4	93.6	94.2	94.2	95.6	95.9	97.4	100.0	

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	39.0	45.1	45.4	46.3	46.3	46.4	46.6	46.6	46.6	46.7	46.7	46.7	46.8	46.8	46.9	46.9
GE 20000	44.2	51.4	51.9	52.8	52.9	53.0	53.1	53.1	53.1	53.2	53.2	53.2	53.3	53.3	53.6	53.6
GE 18000	44.3	51.6	52.0	52.9	53.0	53.1	53.2	53.2	53.2	53.3	53.3	53.3	53.4	53.4	53.7	53.7
GE 16000	44.3	51.6	52.0	52.9	53.0	53.1	53.2	53.2	53.2	53.3	53.3	53.3	53.4	53.4	53.7	53.7
GE 14000	44.7	51.9	52.3	53.2	53.3	53.4	53.6	53.6	53.6	53.7	53.7	53.7	53.8	53.8	54.0	54.0
GE 12000	46.3	54.0	54.4	55.3	55.4	55.6	55.7	55.7	55.7	55.8	55.8	55.8	55.9	55.9	56.1	56.1
GE 10000	47.2	55.2	55.8	56.7	56.9	57.0	57.1	57.1	57.1	57.2	57.2	57.2	57.3	57.3	57.6	57.6
GE 9000	47.7	55.9	56.4	57.6	57.8	57.9	58.0	58.0	58.0	58.1	58.1	58.1	58.2	58.2	58.4	58.4
GE 8000	48.7	57.3	58.1	59.2	59.6	59.7	59.9	59.9	59.9	60.0	60.0	60.0	60.1	60.1	60.4	60.4
GE 7000	49.9	59.1	60.0	61.1	61.4	61.6	61.8	61.8	61.8	61.9	61.9	61.9	62.0	62.0	62.3	62.3
GE 6000	50.1	59.6	60.6	61.7	62.0	62.1	62.3	62.3	62.3	62.4	62.4	62.4	62.6	62.6	62.9	62.9
GE 5000	52.2	62.7	63.8	65.0	65.3	65.4	65.7	65.7	65.7	65.8	65.8	65.8	65.9	65.9	66.2	66.2
GE 4500	53.9	64.9	66.0	67.3	67.7	67.8	68.1	68.1	68.1	68.2	68.2	68.2	68.3	68.3	68.7	68.7
GE 4000	54.8	66.1	67.2	68.6	69.1	69.2	69.6	69.6	69.6	69.7	69.7	69.7	69.8	69.8	70.1	70.1
GE 3500	55.2	67.2	68.4	69.8	70.3	70.6	70.9	70.9	70.9	71.0	71.0	71.0	71.1	71.1	71.4	71.4
GE 3000	56.3	68.8	70.4	72.1	72.7	72.9	73.2	73.2	73.2	73.4	73.4	73.4	73.6	73.6	73.9	73.9
GE 2500	57.6	70.8	72.7	74.6	75.1	75.6	75.9	75.9	75.9	76.1	76.1	76.1	76.2	76.2	76.6	76.6
GE 2000	58.0	71.4	73.3	75.3	75.9	76.4	76.8	76.8	76.8	77.1	77.1	77.1	77.2	77.2	77.6	77.6
GE 1800	58.0	72.0	73.9	75.9	76.4	77.0	77.3	77.3	77.3	77.7	77.7	77.7	77.8	77.8	78.1	78.1
GE 1500	58.2	72.3	74.3	76.3	76.9	77.4	77.8	77.8	77.8	78.1	78.1	78.1	78.2	78.2	78.6	78.6
GE 1200	58.3	72.7	74.8	76.8	77.7	78.2	78.6	78.6	78.6	78.9	78.9	78.9	79.0	79.0	79.3	79.3
GE 1000	58.6	73.2	75.3	77.3	78.4	79.0	79.3	79.3	79.3	79.9	79.9	79.9	80.0	80.0	80.3	80.3
GE 900	58.6	73.3	75.4	77.7	78.9	79.4	79.8	79.8	79.8	80.3	80.3	80.3	80.4	80.4	80.8	80.8
GE 800	58.6	73.6	75.7	77.9	79.2	79.8	80.1	80.1	80.1	80.8	80.8	80.8	80.9	80.9	81.2	81.2
GE 700	58.6	74.1	76.2	78.4	79.5	80.6	80.9	80.9	80.9	81.6	81.6	81.6	81.7	81.7	82.0	82.0
GE 600	58.6	74.3	76.4	78.8	80.8	81.6	81.9	82.1	82.1	82.9	82.9	82.9	83.0	83.0	83.3	83.3
GE 500	58.6	74.9	77.4	80.7	83.0	83.9	84.6	85.3	85.3	86.2	86.7	86.7	86.9	86.9	87.2	87.2
GE 400	58.6	75.3	77.9	81.4	84.3	85.6	86.7	87.4	87.6	88.8	89.2	89.2	89.4	89.4	89.8	89.8
GE 300	58.6	75.6	78.3	81.9	84.9	86.3	87.4	88.9	88.9	90.4	90.9	90.9	91.1	91.1	91.4	91.7
GE 200	58.6	75.6	78.4	82.2	85.3	86.9	88.6	90.7	90.7	92.9	93.6	93.6	93.9	93.9	94.2	94.6
GE 100	58.6	75.6	78.4	82.2	85.3	86.9	88.9	91.1	91.1	93.7	94.6	94.6	95.4	95.6	97.2	98.0
GE 01	58.6	75.6	78.4	82.2	85.3	86.9	88.9	91.1	91.1	93.7	94.8	94.8	95.8	96.0	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	40.8	46.0	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 20000	46.0	52.7	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 18000	46.0	52.7	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 16000	46.0	52.7	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 14000	46.3	53.1	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 12000	47.9	54.9	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 10000	49.8	57.0	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 9000	50.6	57.8	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 8000	51.9	59.6	60.4	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 7000	53.3	61.2	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 6000	53.4	61.4	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 5000	54.4	63.2	64.2	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 4500	56.1	65.4	66.4	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 4000	58.1	67.7	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 3500	59.9	70.2	71.2	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 3000	61.7	72.4	73.4	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 2500	63.0	74.3	75.4	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 2000	63.6	76.3	77.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 1800	64.0	77.0	78.2	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 1500	64.0	77.9	79.1	80.2	80.4	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 1200	64.2	79.4	80.9	82.0	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 1000	64.7	80.2	81.7	83.2	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 900	64.7	80.6	82.0	83.7	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 800	64.8	81.4	82.9	84.7	85.1	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 700	64.9	81.8	83.4	85.3	85.9	86.2	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 600	64.9	82.2	84.0	86.0	86.7	87.0	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 500	65.0	82.9	85.1	87.6	88.2	88.8	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 400	65.0	83.2	86.1	88.9	89.7	91.1	92.1	92.6	92.6	93.1	93.4	93.4	93.8	93.8	93.8	93.8
GE 300	65.0	83.2	86.3	89.3	90.7	92.8	94.2	95.3	95.3	96.2	96.7	96.7	97.3	97.3	97.3	97.3
GE 200	65.0	83.2	86.3	89.3	90.7	92.8	94.4	95.8	95.9	96.9	97.6	97.6	98.3	98.3	98.4	98.4
GE 100	65.0	83.2	86.3	89.3	90.7	92.8	94.4	95.9	96.0	97.2	98.1	98.1	99.0	99.1	99.6	99.7
GE 0	65.1	83.3	86.4	89.4	90.8	92.9	94.6	96.0	96.1	97.3	98.2	98.2	99.1	99.2	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	40.8	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 20000	44.9	49.9	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 18000	45.0	50.2	50.3	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 16000	45.0	50.2	50.3	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 14000	45.1	50.3	50.4	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 12000	45.7	51.3	51.6	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 10000	47.4	54.0	54.2	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 9000	48.1	54.8	55.0	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 8000	49.8	56.9	57.1	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 7000	50.3	57.9	58.1	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 6000	50.4	58.1	58.4	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 5000	52.1	60.6	61.0	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 4500	55.2	64.1	64.6	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 4000	57.9	67.8	68.2	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 3500	60.9	71.2	71.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 3000	62.9	73.9	74.3	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 2500	64.7	77.0	77.4	78.4	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 2000	66.6	79.8	80.2	81.4	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 1800	66.8	80.2	80.7	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 1500	67.2	81.9	82.4	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 1200	67.4	83.0	83.6	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 1000	68.1	85.2	86.0	88.1	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 900	68.1	85.7	86.7	88.9	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 800	68.1	85.8	87.0	89.3	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 700	68.1	86.3	87.6	90.3	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 600	68.1	86.9	88.1	91.0	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 500	68.1	86.9	88.2	91.4	92.2	92.7	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 400	68.1	87.2	88.7	92.1	93.2	93.9	94.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 300	68.1	87.2	88.8	92.6	93.9	94.9	96.1	97.3	97.4	98.1	98.1	98.1	98.2	98.2	98.2	98.2
GE 200	68.1	87.2	88.8	92.7	94.1	95.3	96.8	98.2	98.3	99.2	99.4	99.4	99.6	99.6	99.6	99.6
GE 100	68.1	87.2	88.8	92.7	94.1	95.3	96.8	98.2	98.3	99.3	99.6	99.6	99.9	99.9	100.0	100.0
GE 0	68.1	87.2	88.8	92.7	94.1	95.3	96.8	98.2	98.3	99.3	99.6	99.6	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	39.7	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 20000	45.8	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 18000	45.8	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 16000	45.8	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 14000	46.4	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 12000	46.7	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 10000	47.2	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 9000	48.8	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 8000	50.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 7000	51.2	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 6000	51.7	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 5000	54.1	63.6	63.6	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 4500	57.9	67.9	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 4000	60.3	71.0	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 3500	62.7	74.7	74.8	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 3000	63.9	76.3	76.7	76.8	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 2500	65.2	78.9	79.2	79.3	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 2000	66.4	81.1	81.4	81.8	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 1800	66.7	81.4	81.8	82.1	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 1500	67.1	82.6	83.1	83.6	83.9	84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 1200	67.2	83.6	84.2	84.9	85.6	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 1000	67.4	85.4	86.4	87.3	88.1	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 900	67.4	86.0	87.3	88.3	89.1	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 800	67.4	86.6	87.9	88.9	89.7	90.1	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7
GE 700	67.4	86.9	88.6	90.0	90.8	91.2	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9
GE 600	67.4	87.1	88.9	90.6	91.3	91.9	92.7	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9
GE 500	67.6	87.6	89.4	91.3	92.3	93.0	93.9	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 400	67.6	87.8	89.8	91.8	92.8	93.8	94.9	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 300	67.6	88.1	90.2	92.6	93.6	94.7	96.2	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 200	67.6	88.3	90.4	92.8	93.8	94.9	96.7	98.4	98.4	99.2	99.3	99.3	99.4	99.6	99.6	99.6
GE 100	67.6	88.3	90.4	92.8	93.8	94.9	96.7	98.6	98.6	99.3	99.4	99.4	99.4	99.7	99.8	100.0
GE 0	67.6	88.3	90.4	92.8	93.8	94.9	96.7	98.6	98.6	99.3	99.4	99.4	99.4	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS(LST): 1800-2000

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	1	42.3	47.8	48.2	48.3	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 20000	1	48.1	54.9	55.4	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 18000	1	48.1	55.1	55.7	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 16000	1	48.2	55.2	55.8	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 14000	1	48.2	55.2	55.8	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 12000	1	49.0	56.2	57.0	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 10000	1	49.9	57.8	58.6	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 9000	1	50.8	58.9	59.7	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 8000	1	51.9	60.7	61.4	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 7000	1	52.7	62.0	62.8	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 6000	1	53.4	62.8	63.6	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 5000	1	55.2	65.0	65.8	66.0	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 4500	1	56.8	67.2	68.2	68.7	68.7	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 4000	1	59.6	70.4	71.4	72.1	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 3500	1	60.6	72.1	73.1	73.8	73.8	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 3000	1	62.3	75.0	76.0	76.7	76.7	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 2500	1	63.1	77.0	78.1	78.8	78.8	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 2000	1	63.4	77.7	78.9	79.7	79.7	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 1800	1	63.7	78.0	79.2	80.1	80.1	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 1500	1	64.2	78.8	80.1	81.1	81.1	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 1200	1	64.9	79.8	81.2	82.2	82.2	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 1000	1	65.7	81.1	82.6	83.7	83.9	84.6	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 900	1	66.0	81.6	83.2	84.3	84.7	85.3	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 800	1	66.6	82.6	84.3	85.6	85.9	86.6	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 700	1	66.8	83.0	84.8	86.1	86.4	87.1	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 600	1	66.8	83.3	85.4	86.9	87.3	88.0	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 500	1	66.8	83.6	85.8	87.7	88.6	89.3	90.6	90.8	90.8	90.8	90.9	90.9	91.0	91.0	91.0	91.0
GE 400	1	66.8	83.8	86.1	88.1	89.1	90.4	92.3	92.8	92.8	92.8	92.9	92.9	93.0	93.0	93.0	93.0
GE 300	1	66.8	83.8	86.1	88.1	89.2	90.9	93.0	93.7	93.7	93.7	94.1	94.2	94.4	94.4	94.4	94.4
GE 200	1	66.8	84.0	86.4	88.4	89.6	91.6	93.7	94.6	94.6	94.6	95.7	96.2	96.8	96.8	97.0	97.0
GE 100	1	66.8	84.0	86.4	88.4	89.6	91.6	93.9	95.1	95.2	96.3	97.1	97.1	98.3	98.3	98.8	99.4
GE 0	1	66.8	84.0	86.4	88.4	89.6	91.6	93.9	95.1	95.2	96.3	97.1	97.1	98.4	98.4	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	46.2	49.4	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 20000	50.6	54.6	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 18000	50.7	54.7	55.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 16000	50.7	54.7	55.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 14000	50.7	54.7	55.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 12000	51.8	55.8	56.1	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 10000	53.7	58.1	58.4	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 9000	55.3	60.0	60.3	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 8000	56.8	61.9	62.3	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 7000	58.2	63.9	64.3	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 6000	58.8	64.4	64.9	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 5000	60.3	66.1	66.9	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 4500	61.6	67.6	68.3	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 4000	64.3	70.4	71.3	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 3500	65.1	71.8	72.7	73.4	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 3000	67.3	74.9	76.0	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 2500	67.9	76.3	77.8	78.6	78.9	78.9	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 2000	68.3	77.4	78.9	79.8	80.1	80.1	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 1800	68.7	78.0	79.4	80.6	81.0	81.0	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 1500	69.4	78.9	80.3	81.4	81.9	81.9	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 1200	70.1	79.8	81.3	82.7	83.1	83.1	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 1000	70.6	80.4	82.1	83.6	84.0	84.1	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 900	70.8	80.8	82.4	83.9	84.3	84.4	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 800	71.0	81.8	83.6	85.1	85.6	85.7	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 700	71.4	82.9	84.7	86.2	86.7	86.8	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 600	71.4	83.4	85.2	86.8	87.2	87.3	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 500	71.4	83.8	85.8	87.6	88.0	88.2	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 400	71.4	83.9	86.0	88.1	88.7	89.1	89.8	90.2	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 300	71.4	83.9	86.2	88.4	89.1	90.0	91.0	92.2	92.2	92.9	93.0	93.0	93.0	93.0	93.0	93.1	93.1
GE 200	71.6	84.1	86.4	88.7	89.3	90.2	91.6	93.7	93.7	94.6	95.1	95.1	95.1	95.1	95.1	95.7	95.7
GE 100	71.6	84.1	86.4	88.7	89.3	90.2	91.7	94.1	94.1	94.1	95.8	96.3	96.3	97.1	97.4	98.7	99.2
GE 0	71.6	84.1	86.4	88.7	89.3	90.2	91.7	94.1	94.1	95.9	96.4	96.4	97.3	97.7	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: APR HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	42.6	47.1	47.3	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.8	47.8
GE 20000	47.2	52.6	53.0	53.3	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.5	53.5
GE 18000	47.3	52.7	53.1	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.6	53.6
GE 16000	47.3	52.7	53.1	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.6	53.6
GE 14000	47.5	53.0	53.3	53.6	53.7	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 12000	48.4	54.1	54.5	54.9	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.1	55.1
GE 10000	49.7	55.9	56.3	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9
GE 9000	50.5	56.9	57.3	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9
GE 8000	52.0	58.8	59.3	59.8	59.8	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.1	60.1
GE 7000	53.1	60.3	60.8	61.2	61.3	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.6	61.6
GE 6000	53.5	60.7	61.3	61.8	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.1	62.1	62.1	62.1
GE 5000	55.5	63.6	64.3	64.8	64.9	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2
GE 4500	57.8	66.4	67.1	67.7	67.9	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2
GE 4000	59.8	68.8	69.5	70.2	70.4	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7	70.7
GE 3500	61.2	70.9	71.7	72.4	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9
GE 3000	62.9	73.1	74.0	74.8	75.1	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5
GE 2500	64.0	75.1	76.1	77.0	77.3	77.5	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.8	77.8
GE 2000	64.8	76.5	77.6	78.6	78.9	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5
GE 1800	65.1	77.0	78.1	79.1	79.5	79.7	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.1	80.1
GE 1500	65.5	78.0	79.2	80.2	80.6	80.9	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.3
GE 1200	65.9	78.9	80.2	81.4	81.8	82.2	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.6	82.6
GE 1000	66.4	80.1	81.4	82.8	83.4	83.7	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2
GE 900	66.5	80.4	81.9	83.3	84.0	84.3	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8
GE 800	66.7	81.1	82.6	84.1	84.8	85.1	85.4	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.7	85.7
GE 700	66.8	81.7	83.3	85.0	85.7	86.1	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.8	86.8
GE 600	66.9	82.1	83.8	85.7	86.5	86.9	87.4	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.9
GE 500	67.0	82.6	84.6	86.8	87.9	88.5	89.1	89.5	89.5	89.7	89.8	89.8	89.8	89.8	89.9	89.9
GE 400	67.0	83.0	85.1	87.6	88.9	89.8	90.8	91.4	91.4	91.8	91.9	91.9	92.0	92.0	92.1	92.1
GE 300	67.0	83.2	85.4	88.2	89.7	90.9	92.3	93.4	93.4	94.1	94.3	94.3	94.4	94.4	94.5	94.6
GE 200	67.0	83.3	85.6	88.5	90.1	91.4	93.0	94.5	94.5	95.6	96.0	96.0	96.3	96.3	96.6	96.6
GE 100	67.0	83.3	85.6	88.5	90.1	91.4	93.1	94.9	94.9	96.3	96.8	96.8	97.6	97.7	98.5	99.0
GE 0	67.1	83.3	85.6	88.5	90.1	91.4	93.1	94.9	94.9	96.3	96.9	96.9	97.8	98.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	39.8	47.8	48.4	49.0	49.6	49.7	50.0	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.3	50.3
GE 20000	42.6	53.1	53.7	54.5	55.1	55.2	55.6	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.9	55.9
GE 18000	42.6	53.1	53.7	54.5	55.1	55.2	55.6	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.9	55.9
GE 16000	42.6	53.2	53.8	54.6	55.2	55.3	55.7	55.8	55.8	55.9	55.9	55.9	55.9	55.9	56.0	56.0
GE 14000	42.6	53.2	53.8	54.6	55.2	55.3	55.7	55.8	55.8	55.9	55.9	55.9	55.9	55.9	56.0	56.0
GE 12000	43.4	54.3	54.9	55.8	56.3	56.5	56.9	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.2	57.2
GE 10000	44.2	55.9	56.6	57.4	58.0	58.1	58.5	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.9	58.9
GE 9000	44.2	56.1	56.8	57.6	58.2	58.3	58.7	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.1	59.1
GE 8000	46.2	58.7	59.4	60.2	60.8	60.9	61.4	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.9	61.9
GE 7000	48.2	61.3	61.9	62.8	63.3	63.4	64.1	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.6	64.6
GE 6000	48.7	61.9	62.6	63.5	64.1	64.2	64.8	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.4	65.4
GE 5000	51.7	65.7	66.5	67.4	68.0	68.1	68.7	68.9	68.9	69.1	69.1	69.1	69.1	69.1	69.4	69.4
GE 4500	53.5	67.8	68.8	69.9	70.4	70.6	71.3	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.9	71.9
GE 4000	54.1	68.7	69.8	71.0	71.6	71.8	72.5	72.7	72.7	72.9	72.9	72.9	72.9	72.9	73.1	73.1
GE 3500	54.7	70.0	71.1	72.3	72.9	73.1	73.8	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.4	74.4
GE 3000	56.1	72.3	73.4	74.6	75.3	75.5	76.1	76.5	76.5	76.7	76.7	76.7	76.7	76.7	76.9	76.9
GE 2500	57.4	73.9	75.1	76.2	76.9	77.1	77.7	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.5	78.5
GE 2000	58.0	75.2	76.6	78.0	78.6	78.9	79.7	80.0	80.0	80.2	80.2	80.2	80.2	80.2	80.4	80.4
GE 1800	58.6	75.8	77.2	78.6	79.2	79.6	80.3	80.6	80.6	80.9	80.9	80.9	80.9	80.9	81.1	81.1
GE 1500	59.0	76.6	78.1	79.5	80.1	80.4	81.2	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.9	81.9
GE 1200	59.4	76.9	78.5	80.1	81.0	81.3	82.0	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.8	82.8
GE 1000	59.4	77.4	79.0	80.6	81.5	81.6	82.6	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.3	83.3
GE 900	59.5	77.6	79.2	80.9	81.7	82.0	82.8	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.5	83.5
GE 800	59.5	77.6	79.2	80.9	81.7	82.0	82.9	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.7	83.7
GE 700	59.5	78.2	79.9	81.5	82.4	82.7	83.9	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.6	84.6
GE 600	59.6	78.6	80.3	82.0	82.9	83.3	84.8	85.2	85.2	85.4	85.4	85.4	85.4	85.4	85.6	85.6
GE 500	59.6	79.4	81.1	82.9	83.8	84.3	86.6	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.3	87.3
GE 400	59.6	80.1	82.0	84.1	85.3	86.1	88.9	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.9	89.9
GE 300	59.6	80.2	82.3	85.1	86.3	87.5	90.6	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.9	91.9
GE 200	59.6	80.3	82.4	85.4	86.7	88.0	91.2	92.8	92.8	93.3	93.8	93.8	93.8	93.9	94.6	94.6
GE 100	59.6	80.4	82.5	85.5	86.8	88.1	91.5	93.4	93.4	94.3	94.8	94.8	95.4	95.4	96.6	97.5
GE 0	59.6	80.4	82.5	85.5	86.8	88.1	91.5	93.4	93.4	94.3	94.8	94.8	95.4	95.4	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS(LST): 0300-0500

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET		10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	1	33.5	42.7	44.1	45.6	46.8	47.0	47.1	47.2	47.2	47.5	47.6	47.6	48.2	48.2	48.5	48.6
GE 20000	1	36.3	47.5	49.2	51.3	52.8	53.0	53.2	53.4	53.4	53.9	54.0	54.0	54.5	54.5	54.8	55.3
GE 18000	1	36.5	47.6	49.4	51.4	52.9	53.1	53.3	53.5	53.5	54.0	54.1	54.1	54.6	54.6	54.9	55.4
GE 16000	1	36.5	47.6	49.4	51.4	52.9	53.1	53.3	53.5	53.5	54.0	54.1	54.1	54.6	54.6	54.9	55.4
GE 14000	1	36.6	47.8	49.6	51.6	53.1	53.3	53.5	53.8	53.8	54.2	54.3	54.3	54.8	54.8	55.2	55.6
GE 12000	1	37.2	48.8	50.8	52.9	54.4	54.7	55.2	55.4	55.4	55.8	55.9	55.9	56.5	56.5	56.8	57.3
GE 10000	1	37.8	50.1	52.0	54.3	55.8	56.1	56.6	56.8	56.8	57.2	57.3	57.3	57.8	57.8	58.2	58.7
GE 9000	1	38.2	50.5	52.5	54.7	56.2	56.6	57.0	57.2	57.2	57.6	57.7	57.7	58.3	58.3	58.6	59.1
GE 8000	1	39.7	52.3	54.4	56.7	58.4	58.7	59.1	59.4	59.4	59.8	59.9	59.9	60.4	60.4	60.8	61.3
GE 7000	1	41.1	54.0	56.1	58.4	60.1	60.4	60.9	61.1	61.1	61.5	61.7	61.7	62.3	62.3	62.6	63.1
GE 6000	1	41.5	54.4	56.6	58.8	60.6	61.0	61.4	61.6	61.6	62.0	62.3	62.3	62.8	62.8	63.1	63.7
GE 5000	1	43.0	56.5	58.6	61.0	62.8	63.1	63.5	63.8	63.8	64.2	64.4	64.4	64.9	64.9	65.3	65.8
GE 4500	1	44.6	58.3	60.8	63.1	64.9	65.3	65.7	65.9	65.9	66.3	66.6	66.6	67.1	67.1	67.4	68.0
GE 4000	1	45.5	59.4	62.0	64.5	66.3	66.7	67.1	67.3	67.3	67.7	68.0	68.0	68.5	68.5	68.8	69.4
GE 3500	1	46.2	60.9	63.7	66.2	68.1	68.4	68.8	69.1	69.1	69.6	69.8	69.8	70.3	70.3	70.6	71.2
GE 3000	1	47.5	63.0	65.9	68.7	70.5	70.9	71.4	71.7	71.7	72.2	72.4	72.4	72.9	72.9	73.2	73.8
GE 2500	1	48.3	64.3	67.2	70.0	71.8	72.2	72.7	73.0	73.0	73.4	73.7	73.7	74.2	74.2	74.5	75.1
GE 2000	1	48.6	64.8	67.8	70.8	72.6	72.9	73.8	74.2	74.2	74.6	74.8	74.8	75.4	75.4	75.7	76.2
GE 1800	1	48.8	65.1	68.1	71.0	72.8	73.1	74.0	74.4	74.4	74.8	75.1	75.1	75.6	75.6	75.9	76.5
GE 1500	1	49.2	66.2	69.2	72.4	74.4	74.7	75.6	76.0	76.0	76.6	76.8	76.8	77.3	77.3	77.6	78.2
GE 1200	1	49.5	67.1	70.1	73.3	75.4	75.7	76.6	77.0	77.0	77.6	77.8	77.8	78.4	78.4	78.7	79.2
GE 1000	1	49.7	68.3	71.4	74.6	76.8	77.1	78.0	78.4	78.4	79.0	79.2	79.2	79.8	79.8	80.1	80.6
GE 900	1	49.7	68.3	71.4	74.6	76.8	77.1	78.1	78.5	78.5	79.2	79.5	79.5	80.0	80.0	80.3	80.9
GE 800	1	49.9	68.6	71.8	75.2	77.3	77.7	78.8	79.2	79.2	80.0	80.2	80.2	80.8	80.8	81.1	81.6
GE 700	1	50.1	69.6	72.8	76.2	78.4	78.9	80.1	80.6	80.6	81.4	81.6	81.6	82.2	82.2	82.5	83.0
GE 600	1	50.2	70.4	73.8	77.4	79.6	80.2	81.4	82.0	82.0	82.8	83.0	83.0	83.5	83.5	83.9	84.4
GE 500	1	50.4	70.9	74.5	78.5	81.0	81.6	82.9	83.7	83.7	84.5	84.7	84.7	85.3	85.3	85.6	86.1
GE 400	1	50.6	71.9	75.9	80.5	83.0	83.8	85.2	85.9	85.9	86.8	87.0	87.0	87.5	87.5	87.8	88.4
GE 300	1	50.6	72.3	76.9	81.8	84.9	85.8	87.3	88.4	88.4	89.2	89.5	89.5	90.1	90.1	90.5	91.1
GE 200	1	50.6	72.3	76.9	81.8	84.9	85.8	88.0	89.5	89.5	91.2	91.7	91.7	92.7	92.7	93.2	94.0
GE 100	1	50.6	72.4	77.0	81.9	85.1	85.9	88.4	90.0	90.0	91.8	92.4	92.4	93.8	93.9	95.1	97.0
GE 0	1	50.6	72.4	77.0	81.9	85.1	85.9	88.4	90.0	90.0	91.8	92.4	92.4	93.8	93.9	95.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS(LOCAL): 0600-0800

CEILING		VISIBILITY IN STATUTE MILES																
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FLEET	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0		
NO CEIL	28.7	40.5	41.9	43.5	44.4	44.6	44.8	44.8	44.8	45.1	45.1	45.1	45.3	45.3	45.6	45.7		
GE 20000	31.2	44.8	46.7	48.4	49.5	49.9	50.1	50.2	50.2	50.5	50.5	50.5	50.8	50.9	51.2	51.4		
GE 18000	31.3	44.9	46.8	48.5	49.6	50.0	50.2	50.3	50.3	50.6	50.6	50.6	50.9	51.0	51.3	51.5		
GE 16000	31.3	44.9	46.8	48.5	49.6	50.0	50.2	50.3	50.3	50.6	50.6	50.6	50.9	51.0	51.3	51.5		
GE 14000	31.8	45.6	47.4	49.1	50.2	50.6	50.9	51.0	51.0	51.3	51.3	51.3	51.5	51.6	51.9	52.2		
GE 12000	32.9	47.1	48.9	50.8	51.9	52.5	52.7	52.9	52.9	53.2	53.2	53.2	53.4	53.5	53.9	54.1		
GE 10000	34.4	49.8	51.9	53.9	55.1	55.7	55.9	56.1	56.1	56.5	56.5	56.5	56.7	56.8	57.1	57.3		
GE 9000	35.3	51.3	53.7	55.6	56.9	57.5	57.7	58.0	58.0	58.3	58.3	58.3	58.5	58.6	58.9	59.1		
GE 8000	36.3	53.0	55.6	57.6	59.0	59.7	59.9	60.1	60.1	60.6	60.6	60.6	60.9	61.0	61.3	61.5		
GE 7000	37.1	54.0	56.6	58.7	60.2	60.9	61.2	61.5	61.5	62.0	62.0	62.0	62.3	62.4	62.7	62.9		
GE 6000	37.5	54.4	57.0	59.1	60.9	61.5	61.8	62.2	62.2	62.7	62.7	62.7	62.9	63.0	63.3	63.5		
GE 5000	38.5	55.9	58.6	60.8	62.6	63.2	63.5	63.9	63.9	64.4	64.4	64.4	64.6	64.7	65.1	65.3		
GE 4500	39.0	56.9	59.9	62.2	64.1	64.7	65.1	65.4	65.4	65.9	65.9	65.9	66.1	66.2	66.6	66.8		
GE 4000	39.2	57.4	60.4	62.7	64.6	65.3	65.7	66.0	66.0	66.6	66.6	66.6	66.8	66.9	67.2	67.4		
GE 3500	39.7	58.7	61.8	64.1	66.2	66.9	67.3	67.6	67.6	68.2	68.2	68.2	68.4	68.5	68.8	69.0		
GE 3000	40.1	60.2	63.4	65.7	68.0	68.6	69.0	69.4	69.4	69.9	69.9	69.9	70.1	70.2	70.5	70.8		
GE 2500	40.8	61.2	64.6	66.9	69.1	69.9	70.4	70.8	70.8	71.3	71.3	71.3	71.5	71.6	71.9	72.2		
GE 2000	41.3	62.9	66.5	68.8	71.1	71.8	72.5	72.8	72.8	73.3	73.3	73.3	73.5	73.7	74.0	74.2		
GE 1800	41.4	63.1	66.7	69.0	71.3	72.0	72.7	73.0	73.0	73.5	73.5	73.5	73.8	73.9	74.2	74.4		
GE 1500	42.0	64.2	67.7	70.2	72.8	73.5	74.5	74.8	74.8	75.4	75.4	75.4	75.6	75.7	76.0	76.2		
GE 1200	42.2	64.8	68.5	71.0	73.5	74.3	75.3	75.6	75.6	76.1	76.1	76.1	76.3	76.5	76.8	77.0		
GE 1000	42.3	66.0	69.9	72.4	74.9	75.8	76.8	77.1	77.1	77.7	77.7	77.7	78.0	78.1	78.4	78.6		
GE 900	42.3	66.3	70.3	72.8	75.4	76.2	77.2	77.5	77.5	78.2	78.2	78.2	78.4	78.5	78.8	79.0		
GE 800	42.4	66.8	70.9	73.7	76.3	77.2	78.3	78.7	78.7	79.4	79.4	79.4	79.6	79.7	80.0	80.2		
GE 700	42.4	67.0	71.2	74.1	77.1	78.0	79.0	79.5	79.5	80.1	80.1	80.1	80.3	80.4	80.8	81.0		
GE 600	42.4	67.6	71.9	74.9	78.0	79.1	80.9	81.3	81.3	82.0	82.2	82.2	82.4	82.5	82.8	83.0		
GE 500	42.5	68.0	72.4	75.7	78.9	80.6	82.6	83.2	83.2	84.0	84.2	84.2	84.4	84.5	84.8	85.1		
GE 400	42.7	68.3	73.0	76.7	80.0	82.5	84.7	85.5	85.5	86.3	86.6	86.6	86.9	87.0	87.3	87.5		
GE 300	42.7	68.3	73.1	77.1	80.6	83.5	86.3	87.7	87.7	89.0	89.4	89.4	89.7	89.8	90.1	90.3		
GE 200	42.7	68.3	73.2	77.3	81.0	83.9	87.2	89.0	89.0	91.1	91.7	91.7	93.3	93.4	93.9	94.2		
GE 100	42.7	68.3	73.2	77.4	81.1	84.0	87.5	89.4	89.4	91.5	92.7	92.7	94.9	95.3	96.7	97.7		
GE 01	42.7	68.3	73.2	77.4	81.1	84.0	87.5	89.4	89.4	91.5	92.7	92.7	95.1	95.4	97.1	100.0		

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY TAP NJ

PERIOD OF RECORD: 78-87

MONTH: MAY HOURS: 0000-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	36.0	49.9	50.5	51.1	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 20000	39.1	55.8	56.7	57.2	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 18000	39.1	55.8	56.7	57.2	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 16000	39.1	55.8	56.7	57.2	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 14000	39.4	56.1	57.0	57.5	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 12000	40.5	58.2	59.1	59.8	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 10000	41.3	60.4	61.4	62.0	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 9000	41.5	61.4	62.6	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 8000	42.6	63.4	64.8	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 7000	42.6	63.5	65.1	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 6000	42.6	63.5	65.1	66.1	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 5000	43.2	64.6	66.2	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 4500	44.1	66.1	67.7	68.9	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 4000	44.7	67.0	68.6	69.5	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 3500	45.3	68.2	69.6	71.0	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 3000	45.9	70.0	71.8	73.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 2500	46.0	70.6	72.5	73.7	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 2000	46.6	71.8	73.8	74.9	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 1800	47.1	72.5	74.5	75.8	76.8	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 1500	47.6	74.1	76.2	77.7	78.7	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 1200	48.6	76.1	78.3	79.9	80.9	81.1	81.3	81.3	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 1000	49.0	77.6	79.8	81.7	82.9	83.3	83.7	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 900	49.0	78.5	81.1	83.2	84.5	84.9	85.3	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 800	49.0	79.1	81.8	84.0	85.5	85.9	86.2	86.5	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 700	49.0	79.6	82.5	84.8	86.7	87.1	87.6	88.1	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 600	49.1	80.4	83.4	86.1	88.1	88.7	89.5	90.2	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 500	49.2	80.9	84.3	87.5	89.8	90.8	91.9	93.0	93.0	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 400	49.2	81.2	84.8	88.7	91.1	92.4	93.9	95.2	95.2	95.8	95.9	95.9	95.9	95.9	95.9	95.9
GE 300	49.2	81.2	85.1	89.0	91.5	92.9	95.2	96.9	96.9	97.6	98.0	98.0	98.0	98.0	98.0	98.0
GE 200	49.2	81.2	85.1	89.0	91.5	92.9	95.3	97.1	97.1	98.1	99.0	99.0	99.0	99.0	99.0	99.0
GE 100	49.2	81.2	85.1	89.0	91.5	92.9	95.3	97.1	97.1	98.1	99.0	99.0	99.4	99.4	99.9	100.0
GE 0	49.2	81.2	85.1	89.0	91.5	92.9	95.3	97.1	97.1	98.1	99.0	99.0	99.4	99.4	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87

MONTH: MAY HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	36.6	50.3	51.0	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 20000	41.1	58.8	59.6	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 18000	41.1	58.8	59.6	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 16000	41.1	58.6	59.6	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 14000	41.1	59.0	59.8	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 12000	42.2	60.9	61.8	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 10000	42.9	62.7	63.7	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 9000	43.0	62.8	63.9	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 8000	45.1	66.2	67.5	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 7000	45.3	67.3	68.6	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 6000	45.7	67.8	69.1	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 5000	47.2	69.9	71.2	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 4500	48.0	70.9	72.4	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 4000	49.0	72.8	74.5	75.1	75.3	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 3500	49.5	74.0	75.8	76.5	76.7	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 3000	50.5	75.9	77.7	78.6	78.8	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 2500	50.9	77.2	79.0	79.9	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 2000	51.5	78.8	80.9	81.8	82.0	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 1800	51.7	79.2	81.3	82.3	82.5	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 1500	52.2	80.2	82.4	83.4	83.8	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 1200	52.7	81.5	83.8	84.9	85.3	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 1000	53.2	83.8	86.2	87.8	88.3	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 900	53.2	84.1	86.6	88.5	89.4	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 800	53.2	84.7	87.2	89.4	90.2	90.8	90.8	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 700	53.2	84.9	87.8	90.2	91.4	91.9	91.9	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 600	53.2	85.5	88.6	91.2	92.5	93.0	93.0	93.2	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5
GE 500	53.2	85.9	89.0	91.9	93.5	94.3	94.9	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 400	53.2	86.1	89.6	92.9	94.5	95.7	96.5	97.6	97.6	98.3	98.3	98.3	98.4	98.4	98.4	98.4
GE 300	53.2	86.1	89.6	93.0	94.7	96.0	97.0	98.4	98.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 200	53.2	86.1	89.6	93.0	94.7	96.0	97.0	98.4	98.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 100	53.2	86.1	89.6	93.0	94.7	96.0	97.0	98.4	98.4	99.7	99.7	99.7	99.8	99.8	100.0	100.0
GE 0	53.2	86.1	89.6	93.0	94.7	96.0	97.0	98.4	98.4	99.7	99.7	99.7	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS (LST): 1500-1700

CEILING		VISIBILITY IN STATUTE MILES																
IN FEET		GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL		35.5	48.3	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	
GE 20000		41.4	58.4	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	
GE 18000		41.4	58.4	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	
GE 16000		41.4	58.4	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	
GE 14000		41.5	58.6	60.4	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	
GE 12000		42.0	59.9	61.9	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	
GE 10000		44.3	63.7	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	65.1	66.1	66.1	
GE 9000		44.5	64.0	66.2	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	
GE 8000		45.8	66.3	68.7	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	
GE 7000		46.0	67.3	69.8	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	
GE 6000		46.2	68.0	70.4	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	
GE 5000		48.1	70.5	73.1	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	
GE 4500		49.2	73.0	75.8	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	
GE 4000		51.0	75.7	78.5	79.0	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	
GE 3500		51.7	77.1	80.1	80.8	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	
GE 3000		52.0	78.4	81.4	82.0	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	
GE 2500		52.4	79.5	82.8	83.4	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	
GE 2000		52.7	80.2	83.5	84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	
GE 1800		52.8	80.8	84.1	84.8	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	
GE 1500		53.2	81.6	85.1	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	
GE 1200		53.9	83.1	86.9	87.8	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	
GE 1000		53.9	83.9	87.6	88.6	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	
GE 900		53.9	84.1	87.8	88.8	89.2	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	
GE 800		53.9	84.3	88.3	89.4	89.8	90.1	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	
GE 700		53.9	84.8	88.9	90.2	90.9	91.3	91.9	92.0	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	
GE 600		53.9	85.1	89.4	91.0	91.7	92.3	93.0	93.1	93.1	93.1	93.2	93.3	93.3	93.3	93.3	93.3	
GE 500		54.1	85.7	90.1	92.2	93.3	93.9	94.7	95.2	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5	
GE 400		54.1	85.9	90.8	93.2	94.5	95.6	96.8	97.2	97.4	97.7	97.8	97.8	97.8	97.8	97.8	97.8	
GE 300		54.1	85.9	90.8	93.2	94.5	95.7	97.1	97.8	98.2	99.0	99.1	99.1	99.1	99.1	99.1	99.1	
GE 200		54.1	85.9	90.8	93.2	94.5	95.7	97.1	98.0	98.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	
GE 100		54.1	85.9	90.8	93.2	94.5	95.7	97.1	98.0	98.3	99.5	99.8	99.8	100.0	100.0	100.0	100.0	
GE 0		54.1	85.9	90.8	93.2	94.5	95.7	97.1	98.0	98.3	99.5	99.8	99.8	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	39.9	47.3	48.5	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 20000	45.8	56.6	58.1	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 18000	45.8	56.6	58.1	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 16000	45.8	56.7	58.2	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 14000	45.8	56.8	58.3	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 12000	46.9	58.2	59.7	60.6	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 10000	48.7	62.3	64.0	64.9	65.1	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 9000	49.0	62.7	64.4	65.5	65.6	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 8000	50.1	65.6	67.6	68.7	68.8	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 7000	51.1	66.9	69.0	70.3	70.4	70.6	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 6000	51.1	67.0	69.1	70.4	70.5	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 5000	53.0	70.1	72.4	73.8	74.0	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 4500	53.5	71.3	73.5	75.1	75.3	75.5	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 4000	54.4	73.3	75.6	77.1	77.3	77.5	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 3500	54.9	74.1	76.3	78.0	78.2	78.4	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 3000	55.1	74.9	77.5	79.1	79.4	79.6	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 2500	55.4	75.5	78.1	79.8	80.1	80.4	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 2000	55.4	76.0	78.6	80.4	80.8	81.1	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 1800	55.5	76.5	79.0	81.0	81.4	81.8	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 1500	55.8	77.5	80.2	82.6	83.2	83.7	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 1200	56.3	78.4	81.2	83.5	84.2	84.6	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 1000	56.5	78.8	81.7	84.3	85.2	85.6	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 900	56.5	78.9	81.9	84.5	85.5	86.0	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 800	56.8	79.9	83.0	85.6	86.6	87.2	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 700	56.8	80.1	83.4	86.0	87.0	88.0	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 600	56.8	80.2	83.8	86.6	87.7	88.9	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 500	56.8	80.8	84.4	87.2	88.6	89.8	90.3	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 400	56.8	81.2	85.2	88.4	90.2	91.8	92.9	93.8	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 300	56.8	81.2	85.3	88.8	90.6	92.4	93.8	94.8	95.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 200	56.8	81.2	85.3	88.9	90.8	92.5	94.1	95.5	95.7	97.2	97.2	97.2	97.5	97.5	97.6	97.7
GE 100	56.8	81.2	85.3	88.9	90.8	92.5	94.1	95.5	95.8	97.5	97.8	97.8	98.4	98.7	98.9	99.5
GE 0	56.8	91.2	85.3	88.9	90.8	92.5	94.1	95.5	95.8	97.5	97.8	97.8	98.5	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	42.2	48.8	50.0	50.9	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 20000	45.3	54.4	55.6	56.5	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 18000	45.3	54.4	55.6	56.5	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 16000	45.3	54.4	55.6	56.5	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 14000	45.3	54.5	55.7	56.6	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 12000	46.2	56.3	57.5	58.4	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 10000	47.5	58.6	59.8	60.6	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 9000	47.7	59.4	60.6	61.5	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 8000	50.3	62.6	64.1	65.1	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 7000	51.8	64.3	65.8	66.8	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 6000	51.8	64.6	66.1	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 5000	54.2	68.2	69.7	70.9	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 4500	55.2	69.6	71.1	72.4	73.1	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 4000	56.6	71.5	73.2	74.5	75.3	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 3500	57.3	72.8	74.5	75.8	76.7	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 3000	57.7	73.8	75.6	77.0	77.8	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 2500	58.3	74.9	76.8	78.2	79.1	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 2000	58.9	76.0	78.3	79.8	80.9	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 1800	58.9	76.1	78.4	80.1	81.2	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 1500	60.0	77.4	79.8	81.6	82.7	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 1200	60.1	77.8	80.3	82.2	83.4	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 1000	60.3	78.1	80.5	82.5	83.9	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 900	60.4	78.4	80.9	82.8	84.3	84.8	84.9	84.9	84.9	84.9	84.9	85.1	85.1	85.2	85.2	85.2
GE 800	60.8	79.4	81.8	83.9	85.4	85.9	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.2	86.2	86.2
GE 700	60.8	79.5	82.0	84.1	85.6	86.1	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.5	86.5	86.5
GE 600	60.8	79.8	82.4	84.5	86.0	86.6	86.8	86.8	86.8	86.8	86.8	86.9	86.9	87.0	87.0	87.0
GE 500	60.9	80.8	83.3	85.6	87.1	87.7	88.6	88.7	88.8	88.8	88.8	88.9	88.9	89.0	89.0	89.1
GE 400	61.0	81.4	84.0	86.5	88.1	89.1	90.3	91.1	91.2	91.5	91.6	91.6	91.7	91.7	91.8	91.8
GE 300	61.0	81.6	84.2	86.9	88.6	89.7	91.2	92.2	92.3	92.6	92.7	92.7	92.8	92.8	93.1	93.1
GE 200	61.0	81.7	84.3	87.2	89.0	90.1	91.7	93.1	93.2	93.8	94.1	94.1	94.5	94.5	95.1	95.2
GE 100	61.0	81.7	84.3	87.2	89.0	90.1	91.8	93.4	93.8	94.5	95.2	95.2	96.1	96.1	97.4	98.0
GE 0	61.0	81.7	84.3	87.2	89.0	90.1	91.8	93.4	93.8	94.5	95.2	95.2	96.7	96.7	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: MAY HOURS(IST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	36.5	47.0	48.0	48.8	49.2	49.3	49.4	49.4	49.4	49.5	49.5	49.5	49.6	49.6	49.7	49.7
GE 20000	40.3	53.7	55.0	55.9	56.4	56.5	56.6	56.7	56.7	56.8	56.8	56.8	56.9	56.9	57.0	57.1
GE 18000	40.4	53.7	55.0	55.9	56.5	56.6	56.7	56.7	56.7	56.8	56.8	56.8	56.9	56.9	57.0	57.1
GE 16000	40.4	53.7	55.0	56.0	56.5	56.6	56.7	56.7	56.7	56.9	56.9	56.9	57.0	57.0	57.1	57.2
GE 14000	40.5	54.0	55.2	56.2	56.7	56.8	56.9	57.0	57.0	57.1	57.1	57.1	57.2	57.2	57.3	57.4
GE 12000	41.4	55.5	56.8	57.8	58.4	58.5	58.7	58.7	58.7	58.8	58.8	58.8	58.9	59.0	59.0	59.1
GE 10000	42.6	57.9	59.4	60.4	61.0	61.1	61.3	61.4	61.4	61.5	61.5	61.5	61.6	61.6	61.7	61.8
GE 9000	42.9	58.5	60.1	61.1	61.7	61.8	62.0	62.1	62.1	62.2	62.2	62.2	62.3	62.3	62.4	62.5
GE 8000	44.5	61.0	62.8	63.9	64.5	64.6	64.8	64.9	64.9	65.0	65.0	65.0	65.1	65.1	65.2	65.3
GE 7000	45.4	62.3	64.1	65.3	65.9	66.0	66.2	66.3	66.3	66.5	66.5	66.5	66.6	66.6	66.7	66.8
GE 6000	45.6	62.7	64.5	65.7	66.4	66.5	66.7	66.8	66.8	66.9	67.0	67.0	67.1	67.1	67.2	67.3
GE 5000	47.4	65.2	67.0	68.3	69.0	69.2	69.3	69.4	69.4	69.6	69.6	69.6	69.7	69.7	69.8	69.9
GE 4500	48.4	66.7	68.8	70.1	70.8	71.0	71.2	71.4	71.4	71.5	71.5	71.5	71.6	71.6	71.7	71.8
GE 4000	49.3	68.2	70.3	71.7	72.5	72.7	72.9	73.1	73.1	73.2	73.3	73.3	73.3	73.4	73.5	73.6
GE 3500	49.9	69.5	71.6	73.1	74.0	74.2	74.4	74.5	74.5	74.7	74.7	74.7	74.8	74.8	74.9	75.0
GE 3000	50.6	71.1	73.4	74.9	75.8	76.0	76.2	76.4	76.4	76.5	76.6	76.6	76.7	76.7	76.8	76.9
GE 2500	51.2	72.1	74.5	76.0	77.0	77.2	77.5	77.6	77.6	77.8	77.8	77.8	77.9	77.9	78.0	78.1
GE 2000	51.6	73.2	75.7	77.4	78.3	78.6	79.0	79.1	79.1	79.3	79.3	79.3	79.4	79.4	79.5	79.6
GE 1800	51.9	73.6	76.2	77.8	78.8	79.1	79.5	79.7	79.7	79.8	79.8	79.8	79.9	79.9	80.0	80.1
GE 1500	52.4	74.7	77.3	79.2	80.3	80.6	81.0	81.2	81.2	81.3	81.4	81.4	81.5	81.5	81.6	81.7
GE 1200	52.8	75.7	78.4	80.3	81.5	81.8	82.2	82.4	82.4	82.6	82.6	82.6	82.7	82.8	82.9	83.0
GE 1000	53.0	76.7	79.5	81.6	82.8	83.2	83.6	83.8	83.8	84.0	84.1	84.1	84.2	84.2	84.3	84.4
GE 900	53.1	77.0	79.9	82.0	83.3	83.8	84.3	84.5	84.5	84.7	84.7	84.7	84.8	84.9	85.0	85.1
GE 800	53.2	77.6	80.5	82.7	84.1	84.6	85.1	85.4	85.4	85.6	85.7	85.7	85.8	85.8	85.9	86.0
GE 700	53.2	78.0	81.1	83.4	84.9	85.5	86.1	86.4	86.4	86.7	86.7	86.7	86.9	86.9	87.0	87.1
GE 600	53.2	78.5	81.7	84.2	85.8	86.5	87.4	87.7	87.7	88.0	88.1	88.1	88.2	88.2	88.3	88.4
GE 500	53.3	79.0	82.4	85.2	87.0	87.9	89.1	89.6	89.6	90.0	90.1	90.1	90.2	90.2	90.3	90.4
GE 400	53.4	79.5	83.2	86.4	88.3	89.6	91.1	92.0	92.0	92.6	92.6	92.6	92.8	92.8	92.9	93.0
GE 300	53.4	79.6	83.4	86.9	89.0	90.4	92.3	93.5	93.5	94.4	94.5	94.5	94.7	94.7	94.9	95.0
GE 200	53.4	79.6	83.4	87.0	89.1	90.6	92.7	94.2	94.2	95.5	95.9	95.9	96.3	96.3	96.6	96.8
GE 100	53.4	79.7	83.5	87.0	89.2	90.6	92.8	94.4	94.5	95.9	96.4	96.4	97.2	97.3	98.1	98.7
GE 0	53.4	79.7	83.5	87.0	89.2	90.6	92.8	94.4	94.5	95.9	96.4	96.4	97.3	97.4	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87

MONTH: JUN HOURS(IST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	36.8	50.1	53.1	55.6	56.6	57.1	57.2	57.6	57.6	58.0	58.0	58.0	58.0	58.0	58.1	58.2
GE 20000	39.8	55.4	58.7	61.6	62.6	63.1	63.2	63.6	63.6	64.0	64.0	64.0	64.0	64.0	64.1	64.2
GE 18000	40.0	55.7	58.9	61.8	62.8	63.3	63.4	63.8	63.8	64.2	64.2	64.2	64.2	64.2	64.3	64.4
GE 16000	40.0	55.7	58.9	61.8	62.8	63.3	63.4	63.8	63.8	64.2	64.2	64.2	64.2	64.2	64.3	64.4
GE 14000	40.6	56.3	59.6	62.4	63.4	64.0	64.1	64.4	64.4	64.9	64.9	64.9	64.9	64.9	65.0	65.1
GE 12000	42.0	58.1	61.3	64.2	65.2	65.8	65.9	66.2	66.2	66.7	66.7	66.7	66.7	66.7	66.8	66.9
GE 10000	43.8	61.3	64.8	67.8	68.8	69.6	69.7	70.0	70.0	70.4	70.4	70.4	70.4	70.4	70.6	70.7
GE 9000	44.4	62.1	65.6	68.6	69.6	70.3	70.4	70.8	70.8	71.2	71.2	71.2	71.2	71.2	71.3	71.4
GE 8000	46.3	64.1	67.7	70.9	72.0	72.8	72.9	73.2	73.2	73.7	73.7	73.7	73.7	73.7	73.8	73.9
GE 7000	47.6	65.3	68.9	72.2	73.3	74.1	74.2	74.6	74.6	75.0	75.0	75.0	75.0	75.0	75.1	75.2
GE 6000	47.7	65.6	69.1	72.4	73.6	74.3	74.4	74.8	74.8	75.2	75.2	75.2	75.2	75.2	75.3	75.4
GE 5000	49.0	67.2	70.8	74.1	75.2	76.0	76.2	76.6	76.6	77.0	77.0	77.0	77.0	77.0	77.1	77.2
GE 4500	49.7	68.4	72.1	75.4	76.6	77.3	77.6	77.9	77.9	78.3	78.3	78.3	78.3	78.3	78.4	78.6
GE 4000	51.1	70.6	74.3	77.7	78.8	79.6	79.8	80.1	80.1	80.6	80.6	80.6	80.6	80.6	80.7	80.8
GE 3500	52.3	72.3	76.1	79.6	80.7	81.6	81.8	82.1	82.1	82.6	82.6	82.6	82.6	82.6	82.7	82.8
GE 3000	53.1	73.8	77.6	81.1	82.2	83.1	83.3	83.7	83.7	84.1	84.1	84.1	84.1	84.1	84.2	84.3
GE 2500	53.7	75.0	78.9	82.7	84.0	84.9	85.1	85.4	85.4	85.9	85.9	85.9	85.9	85.9	86.0	86.1
GE 2000	54.0	75.8	79.7	83.6	85.0	85.9	86.1	86.4	86.4	86.9	86.9	86.9	86.9	86.9	87.0	87.1
GE 1800	54.4	76.2	80.2	84.1	85.6	86.4	86.7	87.0	87.0	87.4	87.4	87.4	87.4	87.4	87.6	87.7
GE 1500	54.6	76.3	80.3	84.2	85.7	86.6	87.2	87.6	87.6	88.0	88.0	88.0	88.0	88.0	88.1	88.2
GE 1200	55.1	77.0	81.1	85.1	86.6	87.4	88.2	88.6	88.6	89.0	89.0	89.0	89.0	89.0	89.1	89.2
GE 1000	55.6	77.8	81.9	85.9	87.3	88.2	89.0	89.3	89.3	89.8	89.8	89.8	89.8	89.8	89.9	90.0
GE 900	55.6	77.9	82.0	86.0	87.4	88.3	89.1	89.4	89.4	89.9	89.9	89.9	89.9	89.9	90.0	90.1
GE 800	55.6	78.1	82.2	86.2	87.7	88.6	89.4	89.8	89.8	90.2	90.2	90.2	90.2	90.2	90.3	90.4
GE 700	55.9	79.0	83.2	87.2	88.7	89.6	90.4	90.8	90.8	91.2	91.2	91.2	91.2	91.2	91.3	91.4
GE 600	56.0	79.3	83.6	87.6	89.0	89.9	90.8	91.1	91.1	91.6	91.6	91.6	91.6	91.6	91.7	91.8
GE 500	56.0	79.4	83.9	87.9	89.4	90.3	91.2	91.6	91.6	92.0	92.0	92.0	92.0	92.0	92.1	92.2
GE 400	56.1	79.7	84.4	88.6	90.1	91.0	91.9	92.2	92.2	93.0	93.0	93.0	93.0	93.0	93.1	93.2
GE 300	56.2	79.8	84.9	89.2	90.9	92.0	93.1	93.6	93.6	94.3	94.3	94.3	94.3	94.3	94.4	94.6
GE 200	56.4	80.0	85.1	89.4	91.2	92.6	94.0	95.3	95.3	96.4	96.4	96.4	96.4	96.4	96.6	96.7
GE 100	56.4	80.0	85.1	89.4	91.2	92.6	94.0	95.7	95.7	97.2	97.6	97.6	97.6	98.1	98.4	98.8
GE 0	56.4	80.0	85.1	89.4	91.2	92.6	94.0	95.7	95.7	97.2	97.6	97.6	98.3	98.3	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS(IST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	31.1	42.2	45.1	48.4	50.0	51.0	52.2	52.9	52.9	53.8	54.1	54.1	54.3	54.4	54.6	55.0	
GE 20000	33.1	46.0	50.0	53.7	55.4	56.4	57.7	58.3	58.3	59.3	59.7	59.7	59.9	60.0	60.1	60.6	
GE 18000	33.1	46.0	50.0	53.7	55.4	56.4	57.7	58.3	58.3	59.3	59.7	59.7	59.9	60.0	60.1	60.6	
GE 16000	33.1	46.0	50.0	53.7	55.4	56.4	57.7	58.3	58.3	59.3	59.7	59.7	59.9	60.0	60.1	60.6	
GE 14000	33.6	46.4	50.6	54.3	56.1	57.1	58.3	59.0	59.0	60.0	60.3	60.3	60.6	60.7	60.8	61.2	
GE 12000	34.9	48.1	52.3	56.1	58.0	59.0	60.2	60.9	60.9	61.9	62.2	62.2	62.4	62.6	62.7	63.1	
GE 10000	37.1	51.3	55.8	59.7	61.7	62.7	64.0	64.7	64.7	65.7	66.0	66.0	66.2	66.3	66.4	66.9	
GE 9000	38.0	52.4	56.9	60.8	62.8	63.8	65.1	65.8	65.8	66.8	67.1	67.1	67.3	67.4	67.6	68.0	
GE 8000	39.8	54.8	59.3	63.3	65.4	66.4	67.8	68.4	68.4	69.4	69.8	69.8	70.0	70.1	70.2	70.7	
GE 7000	40.6	56.0	60.6	64.6	66.8	67.8	69.1	69.8	69.8	70.8	71.1	71.1	71.3	71.4	71.6	72.0	
GE 6000	40.9	56.4	61.0	65.0	67.2	68.2	69.6	70.2	70.2	71.2	71.6	71.6	71.8	71.9	72.0	72.4	
GE 5000	41.4	58.0	62.7	66.8	69.1	70.1	71.8	72.6	72.6	73.6	73.9	73.9	74.1	74.2	74.3	74.8	
GE 4500	41.8	59.1	64.0	68.2	70.7	71.7	73.3	74.1	74.1	75.1	75.4	75.4	75.7	75.8	75.9	76.3	
GE 4000	42.8	60.7	65.7	70.0	72.6	73.6	75.2	76.0	76.0	77.1	77.4	77.4	77.7	77.8	77.9	78.3	
GE 3500	43.2	61.9	66.9	71.3	74.0	75.0	76.7	77.4	77.4	78.7	79.1	79.1	79.3	79.4	79.6	80.0	
GE 3000	43.8	62.7	67.7	72.2	74.9	75.9	77.6	78.4	78.4	79.8	80.2	80.2	80.4	80.6	80.7	81.1	
GE 2500	44.2	63.4	68.7	73.4	76.1	77.1	78.8	79.7	79.7	81.0	81.4	81.4	81.7	81.8	81.9	82.3	
GE 2000	44.6	64.2	69.4	74.2	77.1	78.1	79.9	80.8	80.8	82.1	82.6	82.6	82.8	82.9	83.0	83.4	
GE 1800	44.9	64.8	70.1	75.0	77.9	78.9	80.7	81.6	81.6	82.9	83.3	83.3	83.6	83.7	83.8	84.2	
GE 1500	45.7	65.8	71.3	76.2	79.1	80.1	81.9	82.8	82.8	84.1	84.6	84.6	84.8	84.9	85.0	85.4	
GE 1200	45.9	66.2	71.8	76.8	79.8	80.9	82.7	83.6	83.6	84.9	85.3	85.3	85.6	85.7	85.8	86.2	
GE 1000	45.9	66.2	71.8	76.8	79.9	81.0	82.9	83.8	83.8	85.1	85.6	85.6	85.8	85.9	86.0	86.4	
GE 900	46.2	66.6	72.2	77.2	80.3	81.4	83.4	84.3	84.3	85.7	86.1	86.1	86.3	86.4	86.6	87.0	
GE 800	46.2	66.6	72.2	77.2	80.4	81.6	83.6	84.4	84.4	85.8	86.2	86.2	86.4	86.6	86.7	87.1	
GE 700	46.4	67.0	72.7	77.7	80.9	82.0	84.0	84.9	84.9	86.2	87.0	87.0	87.2	87.3	87.4	87.9	
GE 600	46.6	67.9	73.9	79.0	82.2	83.3	85.3	86.2	86.2	87.6	88.3	88.3	88.6	88.7	88.8	89.2	
GE 500	46.7	68.0	74.0	79.1	82.3	83.4	85.6	86.4	86.4	87.8	88.6	88.6	88.8	88.9	89.0	89.4	
GE 400	46.7	68.1	74.3	79.9	83.1	84.3	86.6	87.7	87.7	89.4	90.2	90.2	90.6	90.7	90.8	91.2	
GE 300	46.8	68.2	74.6	80.3	83.9	85.4	87.8	89.3	89.3	91.3	92.1	92.1	92.4	92.6	92.7	93.1	
GE 200	46.8	68.3	74.7	80.4	84.0	85.6	87.9	90.0	90.0	92.4	93.7	93.7	94.6	94.8	95.1	95.6	
GE 100	46.8	68.3	74.7	80.4	84.0	85.6	88.0	90.2	90.2	92.8	94.0	94.1	95.4	95.8	96.9	97.4	
GE 0	46.9	68.6	74.9	80.7	84.2	85.8	88.2	90.4	90.4	93.0	94.2	94.3	96.0	96.3	97.9	100.0	

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAF/AFAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS(IST): 0600-0800

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	1 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	30.0	42.2	46.0	49.3	51.0	52.6	53.3	53.8	53.8	54.6	54.8	54.8	54.8	54.9	55.0	55.2	55.4
GE 20000	32.3	47.2	51.9	55.9	57.7	59.2	60.1	60.7	60.7	61.4	61.7	61.7	61.7	61.8	61.9	62.1	62.3
GE 18000	32.3	47.2	51.9	55.9	57.7	59.2	60.1	60.7	60.7	61.4	61.7	61.7	61.7	61.8	61.9	62.1	62.3
GE 16000	32.4	47.3	52.0	56.0	57.8	59.3	60.2	60.8	60.8	61.6	61.8	61.8	61.8	61.9	62.0	62.2	62.4
GE 14000	32.8	48.0	52.9	56.9	58.7	60.2	61.1	61.7	61.7	62.4	62.7	62.7	62.7	62.8	62.9	63.1	63.3
GE 12000	33.2	49.1	54.1	58.1	59.9	61.6	62.4	63.0	63.0	63.8	64.0	64.0	64.0	64.1	64.2	64.4	64.7
GE 10000	34.0	51.2	56.4	60.7	62.7	64.3	65.2	65.8	65.8	66.6	66.8	66.8	66.8	66.9	67.0	67.2	67.4
GE 9000	34.4	52.2	57.7	61.9	63.9	65.6	66.4	67.0	67.0	67.8	68.0	68.0	68.0	68.1	68.2	68.4	68.7
GE 8000	35.9	54.7	60.8	65.2	67.2	68.9	69.8	70.3	70.3	71.1	71.3	71.3	71.3	71.4	71.6	71.8	72.0
GE 7000	36.6	55.4	61.8	66.4	68.4	70.3	71.2	71.8	71.8	72.6	72.8	72.8	72.8	72.9	73.0	73.2	73.4
GE 6000	36.6	55.4	61.9	66.7	68.7	70.6	71.4	72.0	72.0	72.8	73.0	73.0	73.0	73.1	73.2	73.4	73.7
GE 5000	37.1	56.9	63.6	68.9	70.9	72.8	73.7	74.3	74.3	75.1	75.3	75.3	75.3	75.4	75.6	75.8	76.0
GE 4500	37.3	57.4	64.3	69.7	71.7	73.6	74.4	75.1	75.1	75.9	76.1	76.1	76.1	76.2	76.3	76.6	76.8
GE 4000	37.7	58.0	65.0	70.6	72.8	74.7	75.6	76.2	76.2	77.0	77.2	77.2	77.2	77.3	77.4	77.7	77.9
GE 3500	38.3	59.3	66.6	72.2	74.6	76.4	77.3	78.0	78.0	78.8	79.0	79.0	79.0	79.1	79.2	79.4	79.7
GE 3000	39.3	60.9	68.1	73.8	76.2	78.2	79.1	79.8	79.8	80.6	80.8	80.8	80.8	80.9	81.0	81.2	81.4
GE 2500	39.7	61.3	68.6	74.6	77.0	79.0	79.9	80.6	80.6	81.3	81.6	81.6	81.6	81.7	81.8	82.0	82.2
GE 2000	39.7	61.7	68.9	75.0	77.6	79.6	80.4	81.2	81.2	82.0	82.2	82.2	82.2	82.3	82.4	82.7	82.9
GE 1800	39.8	62.1	69.3	75.4	78.0	80.0	80.9	81.7	81.7	82.7	82.9	82.9	82.9	83.0	83.1	83.3	83.6
GE 1500	40.0	63.2	70.7	77.0	79.9	82.0	83.0	83.8	83.8	84.8	85.0	85.0	85.0	85.1	85.2	85.4	85.7
GE 1200	40.1	63.7	71.2	77.6	80.6	82.7	83.7	84.4	84.4	85.4	85.7	85.7	85.7	85.8	85.9	86.1	86.3
GE 1000	40.1	64.1	71.9	78.6	81.7	84.0	85.1	85.9	85.9	86.9	87.1	87.1	87.1	87.2	87.3	87.6	87.8
GE 900	40.4	64.7	72.6	79.3	82.4	84.8	85.9	86.7	86.7	87.7	87.9	87.9	87.9	88.0	88.1	88.3	88.6
GE 800	40.4	64.8	72.8	79.8	83.0	85.4	86.6	87.3	87.3	88.3	88.6	88.6	88.6	88.7	88.8	89.0	89.2
GE 700	40.6	65.0	73.0	80.1	83.3	86.0	87.2	88.0	88.0	89.0	89.2	89.2	89.2	89.3	89.4	89.7	89.9
GE 600	40.6	65.0	73.1	80.2	83.4	86.2	87.6	88.3	88.3	89.3	89.6	89.6	89.6	89.7	89.8	90.0	90.2
GE 500	40.6	65.1	73.2	80.8	84.1	87.0	88.3	89.3	89.3	90.4	90.7	90.7	90.7	90.8	90.9	91.1	91.3
GE 400	40.6	65.4	73.8	81.4	84.9	88.2	90.0	91.3	91.3	92.6	92.8	92.8	92.8	92.9	93.0	93.2	93.4
GE 300	40.6	65.4	73.8	81.6	85.1	88.7	90.9	92.6	92.6	94.3	94.9	94.9	94.9	95.0	95.1	95.3	95.6
GE 200	40.6	65.6	73.9	81.7	85.2	88.9	91.2	93.4	93.4	95.7	96.4	96.4	96.4	97.1	97.2	97.7	97.9
GE 100	40.6	65.6	73.9	81.7	85.2	88.9	91.2	93.6	93.6	96.1	96.9	96.9	96.9	97.7	97.8	98.4	98.7
GE 0	40.6	65.6	73.9	81.7	85.2	88.9	91.2	93.6	93.6	96.1	96.9	96.9	96.9	97.9	98.1	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	35.6	48.8	53.6	55.6	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 20000	41.8	58.9	64.0	66.1	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 18000	41.8	58.9	64.1	66.2	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 16000	41.8	58.9	64.1	66.2	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 14000	41.8	58.9	64.1	66.2	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 12000	43.2	60.4	65.7	67.8	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 10000	44.4	62.9	68.3	70.6	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 9000	44.8	63.6	69.1	71.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 8000	45.2	65.0	71.2	73.7	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 7000	45.6	65.9	72.2	74.7	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 6000	45.8	66.1	72.4	74.9	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 5000	46.1	67.2	73.7	76.2	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 4500	46.2	67.9	74.6	77.2	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 4000	46.3	68.2	75.0	78.0	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 3500	47.2	69.4	76.4	79.4	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 3000	47.8	70.9	78.3	81.6	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 2500	48.7	72.3	79.9	83.1	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 2000	49.7	74.6	82.2	85.7	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 1800	50.3	75.2	82.9	86.3	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 1500	50.8	76.4	84.3	87.9	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1200	50.9	77.0	85.2	88.9	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 1000	50.9	78.3	86.8	90.7	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 900	51.0	79.0	87.6	91.4	92.6	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 800	51.0	79.2	87.8	91.7	92.9	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 700	51.0	79.4	88.3	92.8	94.1	94.4	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 600	51.0	79.6	88.6	93.3	94.7	95.2	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 500	51.0	79.9	89.0	94.1	95.7	96.4	96.8	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 400	51.0	80.0	89.2	94.6	96.2	97.2	97.9	98.2	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 300	51.0	80.0	89.2	94.6	96.4	97.8	98.8	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	51.0	80.0	89.2	94.6	96.4	97.8	98.8	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	51.0	80.0	89.2	94.6	96.4	97.8	98.8	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	100.0
GE 0	51.0	80.0	89.2	94.6	96.4	97.8	98.8	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS (LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	35.4	49.0	52.1	53.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 20000	41.0	56.8	61.1	63.2	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 18000	41.0	56.8	61.1	63.2	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 16000	41.0	56.9	61.2	63.3	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 14000	41.6	57.7	62.0	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 12000	43.0	59.9	64.2	66.3	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 10000	44.3	63.0	67.4	69.6	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 9000	44.9	64.0	68.7	70.8	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 8000	45.1	65.0	70.1	72.6	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 7000	45.4	65.9	71.1	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 6000	45.7	66.1	71.3	73.8	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 5000	46.3	67.2	72.6	75.0	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 4500	48.1	70.7	76.8	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 4000	49.0	71.7	77.8	80.3	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 3500	49.3	72.8	78.9	81.4	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 3000	50.9	75.3	81.4	84.1	84.9	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 2500	51.8	77.6	84.0	86.8	87.6	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 2000	52.3	79.2	85.8	88.8	89.6	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 1800	52.4	79.8	86.3	89.4	90.2	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 1500	52.4	81.1	88.0	91.1	91.9	92.0	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1200	52.6	81.8	89.0	92.1	92.9	93.0	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1000	52.8	82.8	90.0	93.1	93.9	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 900	52.8	83.1	90.3	93.4	94.3	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 800	52.8	83.8	91.0	94.2	95.1	95.4	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 700	52.8	83.9	91.2	94.4	95.3	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 600	52.8	84.0	91.4	94.9	95.9	96.4	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 500	52.8	84.2	91.7	95.7	97.1	97.8	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 400	52.8	84.2	91.7	95.8	97.3	98.2	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 300	52.8	84.2	91.7	95.9	97.6	98.8	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	52.8	84.2	91.7	95.9	97.6	99.0	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	52.8	84.2	91.7	95.9	97.6	99.0	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	52.8	84.2	91.7	95.9	97.6	99.0	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	37.1	51.3	54.1	55.3	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 20000	43.2	60.8	64.7	66.6	67.2	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 18000	43.2	60.8	64.7	66.6	67.2	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 16000	43.2	60.9	64.8	66.7	67.3	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 14000	43.8	61.4	65.3	67.2	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 12000	45.1	63.6	67.4	69.3	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 10000	46.4	65.6	69.7	71.8	72.4	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 9000	47.1	66.7	70.9	73.1	73.8	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 8000	47.4	68.0	72.7	74.9	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 7000	48.1	69.0	73.7	75.9	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 6000	48.2	69.1	73.8	76.0	76.7	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 5000	48.9	70.3	75.0	77.3	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 4500	49.6	71.8	76.7	79.0	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 4000	49.8	72.6	77.9	80.4	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 3500	50.3	73.9	79.2	82.0	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 3000	51.4	76.2	81.7	84.7	85.4	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 2500	52.1	78.0	84.1	87.1	87.9	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 2000	52.1	79.0	85.7	89.1	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.6	90.6	90.6
GE 1800	52.1	79.3	86.0	89.4	90.4	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9
GE 1500	52.3	80.0	87.1	90.9	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3
GE 1200	52.8	81.3	88.4	92.3	93.3	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8
GE 1000	52.9	82.1	89.2	93.1	94.2	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0
GE 900	52.9	82.2	89.3	93.3	94.4	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2
GE 800	52.9	82.6	89.7	93.8	94.9	95.1	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7
GE 700	52.9	82.8	90.3	94.4	95.6	95.9	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.6	96.6	96.6
GE 600	52.9	82.9	90.4	94.9	96.0	96.3	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.1	97.1	97.1
GE 500	52.9	83.0	90.7	95.2	96.4	97.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3
GE 400	52.9	83.1	90.8	95.7	97.0	97.6	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1
GE 300	52.9	83.1	90.8	95.7	97.1	98.0	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6
GE 200	52.9	83.2	90.9	95.9	97.3	98.3	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
GE 100	52.9	83.2	90.9	95.9	97.3	98.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 0	52.9	83.2	90.9	95.9	97.3	98.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	37.3	48.7	51.3	53.7	54.2	54.3	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 20000	44.8	60.7	64.8	67.6	68.3	68.6	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 18000	44.8	61.0	65.1	67.9	68.7	68.9	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 16000	44.8	61.0	65.1	67.9	68.7	68.9	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 14000	44.8	61.4	65.6	68.3	69.1	69.3	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 12000	46.1	63.3	67.4	70.3	71.1	71.4	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 10000	48.2	66.6	70.9	74.1	75.1	75.4	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 9000	48.7	67.2	71.6	74.8	75.8	76.1	76.4	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 8000	49.8	68.8	73.9	77.1	78.2	78.6	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 7000	50.4	69.6	74.7	77.9	79.0	79.3	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 6000	50.6	69.7	74.8	78.0	79.1	79.4	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 5000	50.9	70.7	75.8	79.0	80.1	80.4	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 4500	51.8	71.8	76.9	80.3	81.7	82.0	82.4	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 4000	52.0	72.2	77.3	80.8	82.2	82.6	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 3500	52.2	72.9	78.1	81.8	83.2	83.6	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 3000	53.1	74.7	80.2	84.0	85.4	85.9	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 2500	53.4	76.8	82.6	86.3	87.8	88.2	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 2000	53.6	77.1	83.1	87.1	88.7	89.1	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1800	53.6	77.1	83.1	87.1	88.8	89.2	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1500	53.6	77.1	83.2	87.2	88.9	89.3	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 1200	54.1	77.8	84.0	88.0	89.7	90.1	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1000	54.1	78.3	84.6	88.6	90.2	90.8	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 900	54.1	78.8	85.2	89.2	90.9	91.4	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 800	54.2	79.0	85.7	89.7	91.3	91.9	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 700	54.6	79.7	86.3	90.3	92.0	92.8	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 600	54.6	79.8	86.6	90.7	92.4	93.4	94.6	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 500	54.6	80.4	87.6	91.8	93.6	94.6	95.7	96.2	96.2	96.6	96.7	96.7	96.7	96.7	96.7	96.7
GE 400	54.6	80.8	87.9	92.6	94.7	95.9	97.2	98.0	98.0	98.4	98.6	98.6	98.6	98.6	98.6	98.6
GE 300	54.6	80.8	87.9	92.6	94.7	96.2	97.6	98.8	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE 200	54.6	80.8	87.9	92.6	94.7	96.2	97.6	98.8	98.8	99.6	99.8	99.8	99.8	99.8	99.9	99.9
GE 100	54.6	80.8	87.9	92.6	94.7	96.2	97.6	98.8	98.8	99.6	99.8	99.8	99.8	99.8	100.0	100.0
GE 0	54.6	80.8	87.9	92.6	94.7	96.2	97.6	98.8	98.8	99.6	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	40.6	54.1	57.3	58.6	59.0	59.3	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 20000	45.7	62.1	65.8	67.4	68.2	68.6	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 18000	45.8	62.3	66.0	67.7	68.4	68.8	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 16000	45.8	62.3	66.0	67.7	68.4	68.8	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 14000	46.1	62.9	66.6	68.2	69.0	69.3	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 12000	46.8	63.9	67.6	69.4	70.2	70.8	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 10000	47.7	65.1	68.9	70.9	71.7	72.2	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 9000	48.4	66.3	70.1	72.1	72.9	73.4	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 8000	49.6	67.6	71.9	73.9	74.9	75.4	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 7000	50.4	68.4	72.8	74.8	75.8	76.3	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 6000	50.4	68.7	73.0	75.0	76.0	76.6	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 5000	52.3	71.2	75.6	77.8	78.8	79.3	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 4500	53.1	72.3	76.8	79.0	80.1	80.7	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 4000	53.3	73.0	77.7	80.1	81.4	82.0	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 3500	53.6	73.6	78.2	81.0	82.3	82.9	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 3000	54.2	75.1	79.9	82.7	84.1	84.7	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 2500	55.0	76.6	81.4	84.2	85.7	86.2	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 2000	55.3	77.6	83.0	85.8	87.3	87.9	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1800	55.4	77.7	83.1	85.9	87.4	88.0	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 1500	55.7	78.1	83.6	86.3	87.9	88.4	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1200	55.9	78.7	84.2	87.0	88.7	89.2	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1000	56.0	79.0	84.7	87.4	89.1	89.7	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 900	56.0	79.0	84.8	87.6	89.2	89.8	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 800	56.1	79.1	85.2	88.1	89.8	90.3	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 700	56.4	79.6	85.7	88.6	90.2	90.8	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 600	56.4	79.7	85.9	88.8	90.4	91.0	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 500	56.4	79.9	86.2	89.1	90.9	91.4	92.4	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 400	56.8	81.3	87.7	90.9	92.8	93.3	94.4	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 300	56.8	81.4	88.0	91.4	93.6	94.2	95.6	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 200	56.9	81.6	88.1	91.9	94.2	95.0	96.4	97.6	97.6	98.0	98.2	98.2	98.3	98.3	98.3	98.3
GE 100	56.9	81.6	88.1	91.9	94.2	95.0	96.7	98.1	98.1	98.7	98.9	98.9	99.3	99.3	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72407D STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JUN HOURS (LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	35.5	48.3	51.6	53.8	54.6	55.1	55.4	55.6	55.6	55.9	55.9	55.9	56.0	56.0	56.1	56.2
GE 20000	40.2	56.0	60.1	62.8	63.7	64.2	64.5	64.8	64.8	65.1	65.1	65.1	65.2	65.2	65.3	65.3
GE 18000	40.3	56.1	60.2	62.9	63.8	64.3	64.6	64.9	64.9	65.2	65.2	65.2	65.3	65.3	65.4	65.5
GE 16000	40.3	56.1	60.3	62.9	63.9	64.3	64.7	64.9	64.9	65.2	65.3	65.3	65.3	65.3	65.4	65.5
GE 14000	40.6	56.6	60.8	63.5	64.4	64.9	65.3	65.5	65.5	65.8	65.8	65.8	65.9	65.9	66.0	66.1
GE 12000	41.8	58.3	62.5	65.2	66.2	66.7	67.1	67.3	67.3	67.6	67.7	67.7	67.7	67.7	67.9	67.9
GE 10000	43.3	60.9	65.3	68.1	69.2	69.8	70.1	70.4	70.4	70.7	70.7	70.7	70.8	70.8	70.8	70.9
GE 9000	43.8	61.8	66.3	69.2	70.2	70.8	71.2	71.4	71.4	71.7	71.8	71.8	71.8	71.8	71.9	72.0
GE 8000	44.9	63.5	68.4	71.4	72.6	73.2	73.6	73.8	73.8	74.1	74.2	74.2	74.2	74.3	74.3	74.4
GE 7000	45.6	64.4	69.5	72.5	73.7	74.3	74.7	74.9	74.9	75.2	75.3	75.3	75.3	75.3	75.4	75.5
GE 6000	45.7	64.6	69.7	72.7	73.9	74.5	74.9	75.2	75.2	75.4	75.5	75.5	75.5	75.6	75.6	75.7
GE 5000	46.5	66.1	71.2	74.4	75.6	76.2	76.6	76.9	76.9	77.2	77.3	77.3	77.3	77.3	77.4	77.5
GE 4500	47.2	67.4	72.8	76.0	77.3	77.9	78.3	78.6	78.6	78.9	79.0	79.0	79.0	79.0	79.1	79.2
GE 4000	47.8	68.4	73.8	77.2	78.6	79.2	79.6	79.9	79.9	80.2	80.3	80.3	80.3	80.3	80.4	80.5
GE 3500	48.3	69.5	75.1	78.6	80.0	80.6	81.0	81.3	81.3	81.6	81.7	81.7	81.8	81.8	81.8	81.9
GE 3000	49.2	71.2	76.9	80.5	81.9	82.6	83.1	83.4	83.4	83.7	83.8	83.8	83.8	83.8	83.9	84.0
GE 2500	49.8	72.6	78.5	82.3	83.7	84.4	84.8	85.2	85.2	85.5	85.6	85.6	85.6	85.6	85.7	85.8
GE 2000	50.2	73.6	79.7	83.7	85.2	85.9	86.4	86.7	86.7	87.0	87.1	87.1	87.2	87.2	87.3	87.3
GE 1800	50.4	74.0	80.1	84.1	85.7	86.3	86.8	87.2	87.2	87.5	87.6	87.6	87.6	87.7	87.7	87.8
GE 1500	50.6	74.8	81.1	85.1	86.8	87.4	88.0	88.3	88.3	88.7	88.8	88.8	88.8	88.8	88.9	89.0
GE 1200	50.9	75.4	81.9	86.0	87.7	88.4	88.9	89.3	89.3	89.6	89.7	89.7	89.8	89.8	89.9	90.0
GE 1000	51.0	76.1	82.6	86.8	88.5	89.3	90.0	90.3	90.3	90.7	90.8	90.8	90.8	90.8	90.9	91.0
GE 900	51.1	76.4	83.0	87.2	89.0	89.7	90.5	90.8	90.8	91.2	91.2	91.3	91.3	91.3	91.4	91.5
GE 800	51.2	76.6	83.3	87.6	89.4	90.2	90.9	91.3	91.3	91.6	91.7	91.7	91.8	91.8	91.9	92.0
GE 700	51.3	77.0	83.8	88.2	90.0	90.9	91.8	92.1	92.1	92.5	92.6	92.6	92.6	92.7	92.7	92.8
GE 600	51.3	77.3	84.2	88.7	90.5	91.5	92.3	92.7	92.7	93.1	93.2	93.2	93.3	93.3	93.3	93.4
GE 500	51.4	77.5	84.5	89.2	91.2	92.3	93.3	93.8	93.8	94.2	94.3	94.3	94.4	94.4	94.5	94.6
GE 400	51.4	77.8	85.0	89.9	92.0	93.2	94.5	95.0	95.0	95.7	95.8	95.8	95.9	95.9	96.0	96.1
GE 300	51.4	77.9	85.1	90.2	92.4	93.9	95.3	96.1	96.1	96.8	97.0	97.0	97.1	97.1	97.2	97.3
GE 200	51.5	78.0	85.2	90.3	92.6	94.2	95.7	96.8	96.8	97.7	98.0	98.0	98.2	98.3	98.4	98.5
GE 100	51.5	78.0	85.2	90.3	92.6	94.2	95.7	96.9	96.9	98.0	98.3	98.4	98.8	98.8	99.2	99.3
GE 0	51.5	78.0	85.2	90.3	92.6	94.2	95.7	96.9	96.9	98.0	98.4	98.4	98.9	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAF NJ

PERIOD OF RECORD: 78-87  
MONTH: JUL HOURS(IST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	1	36.5	49.4	52.8	55.5	56.9	57.4	58.8	58.9	58.9	59.2	59.6	59.6	60.2	60.2	60.4	60.5
GE 20000	1	39.4	55.3	60.6	64.3	66.0	66.6	68.1	68.3	68.3	68.6	68.9	68.9	69.6	69.6	69.8	69.9
GE 18000	1	39.4	55.3	60.6	64.3	66.0	66.6	68.1	68.3	68.3	68.6	68.9	68.9	69.6	69.6	69.8	69.9
GE 16000	1	39.4	55.3	60.6	64.3	66.0	66.6	68.1	68.3	68.3	68.6	68.9	68.9	69.6	69.6	69.8	69.9
GE 14000	1	39.5	55.4	60.9	64.5	66.2	66.8	68.3	68.5	68.5	68.8	69.1	69.1	69.8	69.8	70.0	70.1
GE 12000	1	40.3	56.8	62.3	66.2	68.0	68.5	70.0	70.2	70.2	70.5	70.9	70.9	71.5	71.5	71.7	71.8
GE 10000	1	41.7	59.0	65.6	69.9	71.7	72.3	73.9	74.1	74.1	74.4	74.7	74.7	75.4	75.4	75.6	75.7
GE 9000	1	42.5	59.9	66.7	71.0	72.8	73.3	74.9	75.2	75.2	75.5	75.8	75.8	76.5	76.5	76.7	76.8
GE 8000	1	43.7	61.7	68.7	73.1	74.9	75.5	77.1	77.3	77.3	77.6	78.0	78.0	78.6	78.6	78.8	78.9
GE 7000	1	44.5	62.7	70.0	74.5	76.3	76.9	78.5	78.7	78.7	79.0	79.4	79.4	80.0	80.0	80.2	80.3
GE 6000	1	44.9	63.2	70.5	75.1	76.9	77.4	79.0	79.2	79.2	79.6	79.9	79.9	80.5	80.5	80.8	80.9
GE 5000	1	45.4	63.9	71.3	75.8	77.6	78.2	79.9	80.1	80.1	80.4	80.8	80.8	81.4	81.4	81.6	81.7
GE 4500	1	46.5	65.1	72.7	77.2	79.1	79.7	81.5	81.7	81.7	82.0	82.4	82.4	83.0	83.0	83.2	83.3
GE 4000	1	46.6	65.5	73.2	77.8	80.0	80.5	82.5	82.7	82.7	83.0	83.3	83.3	84.0	84.0	84.2	84.3
GE 3500	1	46.7	65.8	73.5	78.2	80.3	80.9	83.0	83.2	83.2	83.5	83.9	83.9	84.5	84.5	84.7	84.8
GE 3000	1	46.9	66.8	74.9	79.6	81.8	82.4	84.6	84.8	84.8	85.2	85.5	85.5	86.1	86.1	86.3	86.5
GE 2500	1	47.2	67.7	75.9	80.5	82.8	83.3	85.6	86.0	86.0	86.3	86.7	86.7	87.3	87.3	87.5	87.6
GE 2000	1	47.6	68.4	76.6	81.2	83.4	84.0	86.2	86.7	86.7	87.0	87.3	87.3	88.0	88.0	88.2	88.3
GE 1800	1	48.0	68.8	77.0	81.6	83.9	84.4	86.7	87.1	87.1	87.4	87.7	87.7	88.4	88.4	88.6	88.7
GE 1500	1	48.4	69.5	77.6	82.3	84.5	85.1	87.3	87.8	87.8	88.2	88.5	88.5	89.1	89.1	89.4	89.5
GE 1200	1	49.0	70.1	78.3	82.9	85.2	85.7	88.0	88.5	88.5	88.8	89.1	89.1	89.8	89.8	90.0	90.1
GE 1000	1	49.2	70.8	78.9	83.5	85.8	86.3	88.6	89.2	89.2	89.6	89.9	89.9	90.5	90.5	90.8	90.9
GE 900	1	49.5	71.3	79.6	84.2	86.5	87.0	89.2	89.9	89.9	90.2	90.6	90.6	91.3	91.3	91.5	91.6
GE 800	1	49.5	71.4	79.9	84.5	86.8	87.3	89.6	90.2	90.2	90.5	91.0	91.0	91.6	91.6	91.8	91.9
GE 700	1	49.8	72.4	80.9	85.8	88.1	88.6	90.9	91.6	91.6	91.9	92.4	92.4	93.0	93.0	93.2	93.3
GE 600	1	49.8	72.4	80.9	85.8	88.4	88.9	91.2	91.9	91.9	92.3	92.7	92.7	93.3	93.3	93.5	93.7
GE 500	1	49.9	72.5	81.1	86.0	88.6	89.1	91.6	92.6	92.6	92.9	93.3	93.3	94.0	94.0	94.2	94.3
GE 400	1	50.0	72.7	81.3	86.2	88.8	89.4	92.2	93.1	93.1	93.4	93.9	93.9	94.5	94.5	94.7	94.8
GE 300	1	50.0	73.0	81.7	87.2	90.1	90.6	93.4	94.5	94.5	94.8	95.3	95.3	95.9	95.9	96.1	96.2
GE 200	1	50.0	73.0	81.8	87.3	90.3	90.9	93.9	95.1	95.1	95.8	96.2	96.2	96.9	96.9	97.3	97.4
GE 100	1	50.0	73.1	81.9	87.4	90.4	91.0	94.1	95.3	95.3	96.0	96.6	96.6	97.7	97.8	98.4	98.5
GE 0	1	50.0	73.1	81.9	87.4	90.4	91.0	94.1	95.3	95.3	96.0	96.6	96.6	98.0	98.1	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87

MONTH: JUL HOURS(LST): 0300-0500

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0	
NO CEIL	27.7	38.8	43.2	48.1	49.7	50.0	51.5	52.0	52.2	52.8	53.0	53.0	53.8	53.8	54.4	55.4	
GE 20000	29.9	44.0	49.4	55.1	57.1	57.4	59.4	63.0	60.1	61.3	61.6	61.6	62.7	62.7	63.3	64.4	
GE 18000	29.9	44.0	49.4	55.1	57.1	57.4	59.4	63.0	60.1	61.3	61.6	61.6	62.7	62.7	63.3	64.4	
GE 16000	29.9	44.0	49.4	55.1	57.1	57.4	59.4	60.0	60.1	61.3	61.6	61.6	62.7	62.7	63.3	64.4	
GE 14000	30.2	44.4	49.8	55.5	57.5	57.8	59.8	60.4	60.5	61.7	62.0	62.0	63.1	63.1	63.8	64.8	
GE 12000	30.9	45.7	51.2	56.9	59.5	59.8	61.8	62.5	62.6	63.9	64.2	64.2	65.3	65.3	65.9	67.0	
GE 10000	32.4	47.4	53.3	59.5	62.5	62.8	64.9	65.6	65.7	67.1	67.4	67.4	68.5	68.5	69.1	70.2	
GE 9000	33.0	48.2	54.1	60.3	63.3	63.7	65.8	66.5	66.6	68.0	68.3	68.3	69.5	69.5	70.1	71.2	
GE 8000	34.5	51.0	57.1	63.7	66.9	67.2	69.6	70.3	70.4	71.8	72.3	72.3	73.4	73.4	74.1	75.2	
GE 7000	35.5	52.3	58.5	65.1	68.5	68.8	71.2	72.0	72.2	73.5	74.0	74.0	75.2	75.2	75.8	76.9	
GE 6000	35.5	52.3	58.5	65.1	68.5	68.8	71.2	72.0	72.2	73.5	74.0	74.0	75.2	75.2	75.8	76.9	
GE 5000	37.0	54.2	60.5	67.1	70.8	71.1	73.4	74.4	74.5	76.0	76.5	76.5	77.6	77.6	78.3	79.4	
GE 4500	37.8	55.5	61.8	68.5	72.2	72.5	74.8	75.8	75.9	77.4	77.8	77.8	79.0	79.0	79.7	80.8	
GE 4000	38.4	56.2	62.6	69.2	72.9	73.2	75.6	76.6	76.7	78.2	78.6	78.6	79.8	79.8	80.4	81.5	
GE 3500	38.6	56.6	62.9	69.6	73.2	73.5	75.9	77.0	77.1	78.6	79.0	79.0	80.2	80.2	80.9	82.0	
GE 3000	38.7	57.3	63.8	70.6	74.5	74.8	77.2	78.3	78.4	79.9	80.3	80.3	81.5	81.5	82.3	83.4	
GE 2500	38.7	57.6	64.1	71.0	74.9	75.3	77.6	78.8	78.9	80.4	80.9	80.9	82.0	82.0	82.8	84.0	
GE 2000	38.7	57.7	64.2	71.1	75.1	75.5	78.0	79.2	79.4	80.9	81.3	81.3	82.5	82.5	83.2	84.4	
GE 1800	38.9	58.1	64.5	71.5	75.5	75.9	78.4	79.7	79.8	81.3	81.7	81.7	82.9	82.9	83.7	84.8	
GE 1500	39.4	58.6	65.3	72.3	76.2	76.7	79.1	80.4	80.5	82.0	82.5	82.5	83.7	83.7	84.4	85.6	
GE 1200	39.5	58.7	65.4	72.4	76.3	76.8	79.2	80.6	80.8	82.3	82.7	82.7	83.9	83.9	84.6	85.8	
GE 1000	39.8	59.2	66.1	73.1	77.2	77.6	80.1	81.6	81.7	83.3	83.8	83.8	84.9	84.9	85.8	87.0	
GE 900	40.0	60.1	67.0	74.0	78.1	78.5	81.0	82.5	82.6	84.2	84.6	84.6	85.8	85.8	86.7	87.8	
GE 800	40.1	60.2	67.1	74.1	78.2	78.6	81.1	82.6	82.7	84.3	84.7	84.7	85.9	85.9	86.8	88.0	
GE 700	40.2	60.5	67.6	74.6	78.7	79.1	81.7	83.3	83.4	85.1	85.5	85.5	86.7	86.7	87.8	89.0	
GE 600	40.2	60.6	68.0	74.9	79.2	79.7	82.4	84.1	84.2	86.1	86.6	86.6	87.7	87.7	88.9	90.1	
GE 500	40.2	60.6	68.1	75.3	79.6	80.0	83.1	85.2	85.3	87.2	87.6	87.6	89.1	89.1	90.3	91.5	
GE 400	40.2	60.8	68.4	75.8	80.1	80.5	83.8	85.8	85.9	87.8	88.3	88.3	89.8	89.8	91.0	92.2	
GE 300	40.3	61.0	68.6	76.7	81.3	81.9	85.3	87.5	87.6	89.8	90.2	90.2	91.7	91.7	92.9	94.1	
GE 200	40.3	61.0	68.7	76.8	81.6	82.3	85.9	88.3	88.4	90.8	91.2	91.2	92.8	92.8	94.2	95.5	
GE 100	40.3	61.0	68.7	76.9	81.7	82.5	86.1	88.8	88.9	91.4	91.9	91.9	94.0	94.0	95.8	97.1	
GE 0	40.3	61.0	68.7	76.9	81.7	82.5	86.1	88.8	88.9	91.4	91.9	91.9	94.3	94.3	96.2	100.0	

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JUL HOURS(LST): 0600-0800

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET		GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL		21.2	35.8	41.3	44.9	47.7	49.1	51.2	51.9	52.2	53.4	54.0	54.0	54.1	54.1	54.9	55.7
GE 20000	24.6	41.5	48.2	52.3	56.0	57.5	59.8	60.5	60.8	62.3	63.0	63.0	63.0	63.1	63.2	64.3	65.2
GE 18000	24.6	41.5	48.2	52.3	56.0	57.5	59.8	60.5	60.8	62.3	63.0	63.0	63.0	63.1	63.2	64.3	65.2
GE 16000	24.6	41.5	48.2	52.3	56.0	57.5	59.8	60.5	60.8	62.3	63.0	63.0	63.0	63.1	63.2	64.3	65.2
GE 14000	24.8	41.9	48.7	52.9	56.7	58.2	60.4	61.2	61.4	62.9	63.7	63.7	63.8	63.9	64.9	65.8	
GE 12000	25.3	43.1	50.1	54.6	58.5	60.0	62.3	63.0	63.2	64.7	65.5	65.5	65.6	65.7	66.8	67.6	
GE 10000	25.8	44.4	51.7	56.8	61.1	62.6	64.8	65.6	65.8	67.3	68.1	68.1	68.3	68.3	68.4	69.5	70.3
GE 9000	25.8	44.5	52.2	57.3	61.9	63.4	65.8	66.6	66.8	68.4	69.1	69.1	69.4	69.5	70.5	71.4	
GE 8000	26.9	46.7	54.8	60.9	65.7	67.3	69.7	70.5	70.8	72.5	73.2	73.2	73.4	73.5	74.6	75.5	
GE 7000	27.5	47.7	56.1	62.3	67.2	68.8	71.4	72.4	72.6	74.3	75.1	75.1	75.3	75.4	76.5	77.3	
GE 6000	27.6	47.8	56.2	62.4	67.3	68.9	71.5	72.5	72.7	74.4	75.2	75.2	75.4	75.5	76.6	77.4	
GE 5000	28.2	49.4	58.0	64.3	69.2	70.9	73.5	74.8	75.1	76.9	77.6	77.6	77.8	78.0	79.0	79.9	
GE 4500	28.9	50.6	59.2	65.6	70.5	72.3	74.9	76.2	76.5	78.3	79.0	79.0	79.2	79.4	80.4	81.3	
GE 4000	28.9	50.6	59.5	65.8	71.0	72.7	75.5	76.8	77.0	78.9	79.7	79.7	79.9	80.0	81.1	81.9	
GE 3500	29.2	51.2	60.1	66.5	71.6	73.3	76.2	77.5	77.7	79.8	80.5	80.5	80.8	80.9	81.9	82.8	
GE 3000	29.7	51.9	60.9	67.3	72.5	74.3	77.2	78.5	78.7	80.8	81.5	81.5	81.8	81.9	83.0	83.9	
GE 2500	29.7	52.0	61.1	67.5	72.8	74.6	77.5	78.8	79.0	81.2	81.9	81.9	82.3	82.4	83.4	84.3	
GE 2000	29.7	52.3	61.3	67.7	73.0	74.8	77.8	79.4	79.6	81.8	82.6	82.6	82.9	83.0	84.1	84.9	
GE 1800	29.7	52.3	61.3	67.7	73.0	74.8	77.8	79.4	79.6	81.8	82.6	82.6	82.9	83.0	84.1	84.9	
GE 1500	29.7	52.6	61.6	68.2	73.5	75.4	78.5	80.0	80.2	82.5	83.2	83.2	83.7	83.8	84.8	85.7	
GE 1200	29.8	53.2	62.3	69.0	74.4	76.5	79.6	81.1	81.3	83.5	84.3	84.3	84.7	84.8	85.9	86.8	
GE 1000	29.9	53.5	62.7	69.7	75.3	77.3	80.5	82.3	82.5	84.8	85.6	85.6	86.0	86.1	87.2	88.1	
GE 900	29.9	53.7	62.9	69.9	75.7	77.8	81.2	82.9	83.1	85.5	86.3	86.3	86.9	87.0	88.1	89.0	
GE 800	29.9	53.8	63.0	70.0	76.0	78.5	81.9	83.7	83.9	86.3	87.2	87.2	87.7	87.8	88.9	89.9	
GE 700	29.9	54.1	63.5	70.6	77.1	79.7	83.2	85.1	85.3	87.7	88.6	88.6	89.1	89.2	90.3	91.3	
GE 600	29.9	54.3	63.8	71.1	77.5	80.1	83.7	85.6	85.8	88.3	89.1	89.1	89.7	89.8	90.9	91.8	
GE 500	29.9	54.7	64.6	72.2	78.7	81.4	85.4	87.4	87.6	90.2	91.2	91.2	91.7	91.8	93.0	94.0	
GE 400	29.9	54.8	64.9	72.7	79.2	81.9	86.2	88.6	88.9	91.8	92.8	92.8	93.3	93.4	94.6	95.6	
GE 300	29.9	54.8	64.9	72.7	79.2	82.0	86.5	88.8	89.1	92.2	93.1	93.1	93.7	93.8	95.1	96.0	
GE 200	29.9	54.8	64.9	72.7	79.4	82.2	86.7	89.4	89.7	93.2	94.3	94.3	94.9	95.1	96.5	97.4	
GE 100	29.9	54.8	64.9	72.7	79.4	82.2	86.7	89.4	89.7	93.5	94.7	94.7	95.5	95.7	97.7	98.8	
GE 0	29.9	54.8	64.9	72.7	79.4	82.2	86.7	89.4	89.7	93.5	94.7	94.7	95.5	95.7	98.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JUL HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0				
NO CEIL	27.0	46.8	52.3	55.2	56.2	56.7	56.7	56.8	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 20000	29.1	51.7	58.0	61.5	62.7	63.2	63.2	63.3	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 18000	29.1	51.7	58.0	61.5	62.7	63.2	63.2	63.3	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 16000	29.1	51.7	58.0	61.5	62.7	63.2	63.2	63.3	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 14000	29.4	52.4	58.6	62.2	63.3	63.9	63.9	64.0	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 12000	29.6	53.8	60.3	64.0	65.6	66.1	66.1	66.2	66.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 10000	31.9	57.6	64.3	68.0	69.7	70.2	70.2	70.3	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 9000	32.3	58.3	65.1	68.8	70.8	71.3	71.3	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 8000	33.0	60.0	67.3	71.9	74.0	74.5	74.5	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 7000	33.2	60.4	68.0	72.7	74.7	75.3	75.3	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 6000	33.4	60.9	68.4	73.2	75.3	75.8	75.8	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 5000	33.5	61.6	69.1	74.2	76.2	76.8	76.8	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 4500	34.1	62.5	70.0	75.3	77.3	77.8	77.8	78.0	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 4000	34.6	63.8	71.3	76.7	78.7	79.2	79.2	79.4	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 3500	35.2	64.3	71.8	77.4	79.5	80.1	80.2	80.3	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 3000	35.6	65.7	73.2	78.8	81.1	81.7	81.8	81.9	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 2500	35.9	66.6	74.3	80.0	82.3	82.9	83.0	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 2000	37.2	69.1	77.2	83.4	85.7	86.5	86.8	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 1800	37.4	69.8	78.0	84.4	86.7	87.5	87.8	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 1500	38.2	71.3	80.0	86.8	89.1	90.0	90.4	90.5	90.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1200	38.6	72.7	82.2	89.4	91.8	92.7	93.1	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1000	38.6	73.1	82.9	90.5	93.2	94.2	94.8	94.9	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 900	38.6	73.4	83.5	91.2	93.9	94.8	95.5	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 800	38.6	73.7	83.8	91.5	94.2	95.2	96.0	96.1	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 700	38.6	74.0	84.2	92.4	95.2	96.1	97.2	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 600	38.6	74.0	84.4	92.7	95.6	96.6	97.8	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 500	38.6	74.0	84.4	92.8	95.9	96.9	98.4	98.5	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 400	38.6	74.0	84.4	92.8	96.0	97.0	98.9	99.0	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	38.6	74.0	84.4	92.9	96.1	97.1	99.0	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	38.6	74.0	84.4	92.9	96.1	97.1	99.0	99.1	99.1	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	38.6	74.0	84.4	92.9	96.1	97.1	99.0	99.1	99.1	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	38.6	74.0	84.4	92.9	96.1	97.1	99.0	99.1	99.1	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72407D STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JUL HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	30.5	44.2	47.4	49.9	51.2	51.3	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 20000	33.5	50.8	55.2	58.3	60.0	60.1	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 18000	33.5	50.8	55.2	58.3	60.0	60.1	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 16000	33.7	50.9	55.3	58.4	60.1	60.2	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 14000	33.9	51.3	55.7	58.8	60.5	60.6	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 12000	34.2	52.9	58.2	61.8	63.5	63.7	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 10000	35.9	55.8	61.4	65.7	67.4	67.5	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 9000	36.5	56.6	62.2	66.9	68.6	68.7	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 8000	37.7	59.4	65.3	70.2	71.9	72.0	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 7000	38.0	59.9	65.8	70.8	72.5	72.6	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 6000	38.1	60.0	65.9	70.9	72.6	72.7	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 5000	38.7	60.9	67.1	72.2	73.9	74.0	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 4500	39.8	62.7	69.0	74.2	75.9	76.0	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 4000	40.6	66.2	72.8	78.1	79.8	79.9	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 3500	42.0	68.4	75.2	80.4	82.2	82.3	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 3000	43.3	71.0	77.8	83.7	85.4	85.5	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 2500	44.1	73.1	80.3	86.3	88.3	88.6	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 2000	45.3	76.0	84.1	90.5	92.6	93.2	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1800	45.3	76.2	84.3	90.9	92.9	93.5	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1500	45.4	77.8	86.1	92.8	94.8	95.5	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1200	45.5	78.3	86.6	93.4	95.6	96.2	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1000	45.5	78.9	87.3	94.5	96.7	97.5	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	45.5	78.9	87.4	94.6	96.8	97.6	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 800	45.5	78.9	87.4	94.6	96.8	97.7	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 700	45.5	78.9	87.4	94.6	96.9	97.8	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 600	45.5	78.9	87.4	94.7	97.1	98.1	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	45.5	79.0	87.5	94.8	97.3	98.6	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	45.5	79.0	87.5	94.9	97.5	98.8	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	45.5	79.0	87.5	94.9	97.5	98.8	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	45.5	79.0	87.5	94.9	97.5	98.8	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	45.5	79.0	87.5	94.9	97.5	98.8	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	45.5	79.0	87.5	94.9	97.5	98.8	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87

MONTH: JUL

HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	32.5	47.7	52.9	56.3	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 20000	35.9	54.9	60.5	64.7	66.0	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 18000	35.9	54.9	60.5	64.7	66.0	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 16000	36.1	55.2	60.8	64.9	66.2	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 14000	36.6	55.8	61.4	65.6	66.9	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 12000	37.0	57.8	63.7	68.0	69.4	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 10000	37.3	58.4	64.8	69.8	71.2	71.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 9000	37.4	58.8	65.6	70.9	72.3	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 8000	39.0	61.8	68.8	74.1	75.5	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 7000	39.5	63.5	70.6	75.9	77.3	77.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 6000	40.0	64.1	71.2	76.5	77.8	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 5000	40.6	65.6	72.8	78.1	79.5	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 4500	41.3	68.2	75.6	80.9	82.3	82.6	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0
GE 4000	42.2	70.6	78.4	83.8	85.2	85.5	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9
GE 3500	42.6	71.7	79.5	85.1	86.5	86.8	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2
GE 3000	43.1	73.0	80.9	86.8	88.2	88.5	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9
GE 2500	43.8	75.2	83.1	89.4	91.0	91.3	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8
GE 2000	44.2	76.9	84.8	91.3	92.9	93.2	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8
GE 1800	44.6	77.4	85.5	92.0	93.7	94.0	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5
GE 1500	45.2	78.3	86.5	93.3	94.9	95.5	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0
GE 1200	45.4	79.1	87.3	94.2	95.8	96.3	97.2	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4
GE 1000	45.4	79.5	87.7	94.8	96.6	97.2	98.2	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5
GE 900	45.4	79.5	87.8	94.9	96.7	97.3	98.3	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6
GE 800	45.4	79.5	87.8	95.1	96.8	97.4	98.4	98.5	98.5	98.6	98.7	98.7	98.7	98.8	98.8	98.8
GE 700	45.4	79.5	88.0	95.3	97.0	97.6	98.6	98.7	98.7	98.8	98.9	98.9	98.9	99.0	99.0	99.0
GE 600	45.4	79.5	88.0	95.3	97.0	97.7	98.7	98.8	98.8	98.8	98.9	99.0	99.0	99.1	99.1	99.1
GE 500	45.4	79.5	88.0	95.4	97.1	97.8	98.9	99.0	99.0	99.1	99.2	99.2	99.4	99.4	99.4	99.4
GE 400	45.4	79.5	88.0	95.4	97.2	98.1	99.1	99.4	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 300	45.4	79.5	88.0	95.4	97.2	98.1	99.2	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	45.4	79.5	88.0	95.4	97.2	98.1	99.2	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	45.4	79.5	88.0	95.4	97.2	98.1	99.2	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	45.4	79.5	88.0	95.4	97.2	98.1	99.2	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JUL HOUR(S) 1ST: 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	32.0	45.5	51.7	55.1	56.7	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 20000	35.6	54.2	62.2	65.9	68.0	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 18000	35.7	54.3	62.3	66.0	68.1	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 16000	36.0	54.7	62.7	66.5	68.5	69.2	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 14000	36.0	55.1	63.0	66.8	68.8	69.6	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 12000	36.7	57.0	65.2	69.8	72.0	73.0	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 10000	37.3	58.6	67.3	72.4	74.8	75.6	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 9000	38.0	59.7	68.7	73.9	76.3	77.3	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 8000	39.6	62.9	72.2	77.4	80.2	81.3	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 7000	40.0	64.1	73.4	78.8	81.7	82.8	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 6000	40.2	64.4	73.9	79.2	82.2	83.2	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 5000	40.8	65.5	74.9	80.4	83.3	84.4	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 4500	41.0	67.3	76.9	82.4	85.4	86.5	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 4000	41.3	68.2	78.2	83.8	86.8	87.8	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 3500	41.4	68.8	78.9	84.7	87.7	88.8	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 3000	41.7	69.2	79.5	85.4	88.5	89.6	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 2500	41.8	70.0	80.5	86.5	89.7	90.8	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 2000	42.0	70.6	81.2	87.1	90.3	91.4	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1800	42.5	71.2	81.7	87.7	91.1	92.2	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1500	42.9	71.9	82.6	88.6	92.0	93.1	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1200	43.1	72.8	83.5	89.6	93.1	94.2	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2
GE 1000	43.1	73.1	83.9	89.9	93.5	94.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9
GE 900	43.1	73.2	84.0	90.0	93.7	94.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0
GE 800	43.1	73.3	84.1	90.2	93.9	95.1	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2
GE 700	43.1	73.3	84.1	90.2	93.9	95.1	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2
GE 600	43.1	73.3	84.3	90.6	94.3	95.6	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1
GE 500	43.1	73.5	84.6	91.2	94.9	96.5	97.6	97.8	97.8	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1
GE 400	43.1	73.5	84.6	91.2	95.2	96.7	97.8	98.3	98.3	98.6	98.6	98.6	98.6	98.9	98.9	98.9	98.9
GE 300	43.1	73.5	84.6	91.2	95.2	96.8	98.1	98.6	98.6	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE 200	43.1	73.5	84.6	91.2	95.2	96.9	98.3	98.8	98.8	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 100	43.1	73.5	84.6	91.2	95.2	96.9	98.3	98.8	98.8	99.5	99.7	99.7	99.7	99.9	99.9	100.0	100.0
GE 0	43.1	73.5	84.6	91.2	95.2	96.9	98.3	98.8	98.8	99.5	99.7	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87

MONTH: JUL

HOURS(IST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	33.8	51.6	55.8	58.4	59.6	60.8	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 20000	36.0	57.4	63.7	67.2	69.4	70.6	71.4	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 18000	36.0	57.4	63.7	67.2	69.4	70.6	71.4	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 16000	36.0	57.4	63.7	67.2	69.4	70.6	71.4	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 14000	36.0	57.4	63.7	67.3	69.5	70.8	71.5	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 12000	37.2	59.0	65.4	69.4	71.5	72.8	73.5	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 10000	38.2	61.4	68.0	72.2	74.4	75.7	76.8	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 9000	38.5	62.0	68.9	73.1	75.4	76.8	77.8	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 8000	39.6	64.4	71.6	75.8	78.1	79.6	80.6	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 7000	40.2	65.2	72.4	76.6	78.9	80.4	81.5	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 6000	40.3	65.3	72.6	76.8	79.1	80.6	81.7	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 5000	41.8	67.2	74.7	79.0	81.4	82.9	84.0	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 4500	42.3	67.8	75.4	79.7	82.0	83.5	84.6	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 4000	42.6	68.9	76.6	80.9	83.2	84.7	85.9	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 3500	42.8	69.4	77.0	81.4	83.8	85.3	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 3000	43.2	70.6	78.5	83.2	85.6	87.1	88.3	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 2500	43.8	71.8	79.7	84.4	86.8	88.3	89.5	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 2000	44.0	72.6	80.4	85.2	87.6	89.1	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1800	44.2	73.0	80.9	85.6	88.2	89.8	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 1500	44.4	73.9	81.7	86.5	89.1	90.8	91.9	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1200	44.5	74.2	82.0	86.9	89.7	91.3	92.5	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1000	44.5	74.9	82.8	87.6	90.4	92.0	93.2	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 900	44.9	75.6	83.4	88.3	91.1	92.7	94.1	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 800	44.9	75.6	83.4	88.5	91.3	92.9	94.3	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 700	44.9	75.7	83.5	88.8	91.6	93.2	94.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 600	44.9	75.9	83.8	89.0	92.0	93.7	95.2	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 500	44.9	76.1	84.2	89.7	92.8	94.4	96.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 400	44.9	76.3	84.4	89.9	93.2	94.8	96.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 300	45.1	76.7	84.7	90.2	93.5	95.2	96.8	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 200	45.1	76.7	84.7	90.3	93.7	95.3	96.9	98.2	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 100	45.1	76.7	84.7	90.3	93.9	95.5	97.1	98.5	98.5	99.4	99.4	99.4	99.7	99.7	99.8	99.8
GE 0	45.1	76.7	84.7	90.3	93.9	95.5	97.1	98.5	98.5	99.4	99.4	99.4	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JUL HOURS(IST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	30.1	45.0	49.7	52.9	54.4	55.0	55.7	56.0	56.0	56.3	56.5	56.5	56.7	56.7	56.9	57.1
GE 20000	33.0	51.2	57.2	61.2	63.1	63.8	64.8	65.0	65.1	65.5	65.7	65.7	65.9	65.9	66.1	66.4
GE 18000	33.0	51.2	57.2	61.2	63.2	63.8	64.8	65.1	65.1	65.5	65.7	65.7	65.9	65.9	66.2	66.4
GE 16000	33.1	51.3	57.3	61.3	63.3	63.9	64.9	65.1	65.2	65.6	65.8	65.8	66.0	66.0	66.3	66.5
GE 14000	33.3	51.7	57.7	61.7	63.7	64.4	65.3	65.6	65.6	66.0	66.2	66.2	66.4	66.4	66.7	66.9
GE 12000	33.9	53.3	59.5	63.8	66.0	66.7	67.7	67.9	68.0	68.4	68.6	68.6	68.8	68.8	69.1	69.3
GE 10000	35.1	55.3	62.1	66.8	69.1	69.8	70.8	71.1	71.2	71.6	71.8	71.8	72.0	72.0	72.3	72.5
GE 9000	35.5	56.0	62.9	67.8	70.2	70.9	71.9	72.2	72.3	72.7	72.9	72.9	73.2	73.2	73.4	73.7
GE 8000	36.7	58.5	65.7	70.9	73.4	74.2	75.3	75.6	75.6	76.1	76.3	76.3	76.5	76.5	76.8	77.0
GE 7000	37.3	59.5	66.9	72.1	74.7	75.4	76.5	76.9	76.9	77.4	77.6	77.6	77.8	77.8	78.1	78.3
GE 6000	37.5	59.7	67.2	72.4	75.0	75.7	76.8	77.2	77.2	77.7	77.9	77.9	78.1	78.1	78.4	78.6
GE 5000	38.3	61.0	68.6	73.9	76.5	77.2	78.4	78.8	78.9	79.4	79.5	79.5	79.8	79.8	80.1	80.3
GE 4500	39.0	62.5	70.1	75.5	78.1	78.9	80.0	80.5	80.5	81.0	81.2	81.2	81.4	81.5	81.7	81.9
GE 4000	39.4	63.8	71.6	77.0	79.7	80.5	81.7	82.1	82.2	82.6	82.8	82.8	83.1	83.1	83.4	83.6
GE 3500	39.8	64.5	72.4	77.9	80.6	81.4	82.6	83.1	83.1	83.6	83.8	83.8	84.1	84.1	84.3	84.6
GE 3000	40.3	65.7	73.7	79.4	82.2	83.0	84.3	84.7	84.7	85.3	85.5	85.5	85.7	85.7	86.0	86.3
GE 2500	40.6	66.8	74.9	80.7	83.6	84.4	85.7	86.2	86.2	86.7	86.9	86.9	87.2	87.2	87.5	87.7
GE 2000	41.1	68.0	76.2	82.2	85.1	86.0	87.3	87.8	87.9	88.4	88.6	88.6	88.9	88.9	89.2	89.4
GE 1800	41.3	68.3	76.6	82.7	85.6	86.5	87.9	88.4	88.4	89.0	89.2	89.2	89.4	89.5	89.7	90.0
GE 1500	41.7	69.2	77.7	83.8	86.8	87.7	89.1	89.7	89.7	90.3	90.5	90.5	90.7	90.8	91.0	91.3
GE 1200	41.9	69.9	78.4	84.7	87.7	88.7	90.2	90.7	90.0	91.3	91.5	91.5	91.8	91.8	92.1	92.4
GE 1000	42.0	70.4	79.0	85.5	88.6	89.6	91.2	91.8	91.8	92.4	92.6	92.6	92.9	92.9	93.2	93.5
GE 900	42.1	70.7	79.5	85.9	89.0	90.1	91.7	92.3	92.3	92.9	93.1	93.1	93.5	93.5	93.7	94.0
GE 800	42.1	70.8	79.6	86.1	89.2	90.3	91.9	92.6	92.6	93.2	93.5	93.5	93.8	93.8	94.1	94.3
GE 700	42.2	71.0	79.9	86.5	89.8	90.9	92.6	93.3	93.4	94.0	94.2	94.2	94.5	94.5	94.9	95.1
GE 600	42.2	71.1	80.1	86.8	90.1	91.3	93.1	93.8	93.8	94.5	94.7	94.7	95.1	95.1	95.4	95.7
GE 500	42.2	71.3	80.3	87.2	90.6	91.8	93.8	94.7	94.7	95.4	95.7	95.7	96.0	96.0	96.4	96.6
GE 400	42.2	71.3	80.4	87.4	90.9	92.2	94.3	95.2	95.3	96.1	96.3	96.3	96.7	96.7	97.0	97.3
GE 300	42.2	71.4	80.6	87.6	91.3	92.6	94.7	95.8	95.8	96.7	97.0	97.0	97.4	97.4	97.7	98.0
GE 200	42.2	71.4	80.6	87.7	91.4	92.7	94.9	96.0	96.1	97.2	97.5	97.5	97.9	97.9	98.3	98.6
GE 100	42.2	71.5	80.6	87.7	91.4	92.7	95.0	96.2	96.2	97.4	97.7	97.7	98.3	98.4	99.0	99.3
GE 0	42.2	71.5	80.6	87.7	91.4	92.7	95.0	96.2	96.2	97.4	97.7	97.7	98.4	98.5	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: AUG HOURS (LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	33.5	47.3	49.1	51.4	54.1	55.1	55.9	55.9	55.9	56.5	56.7	56.7	57.2	57.2	57.2	57.2
GE 20000	38.9	54.5	57.0	60.4	63.5	64.5	65.6	65.6	65.6	66.1	66.3	66.3	66.9	66.9	66.9	66.9
GE 18000	38.9	54.5	57.0	60.4	63.5	64.5	65.6	65.6	65.6	66.1	66.3	66.3	66.9	66.9	66.9	66.9
GE 16000	38.9	54.5	57.0	60.4	63.5	64.5	65.6	65.6	65.6	66.1	66.3	66.3	66.9	66.9	66.9	66.9
GE 14000	39.0	54.6	57.1	60.5	63.7	64.6	65.7	65.7	65.7	66.2	66.5	66.5	67.0	67.0	67.0	67.0
GE 12000	40.0	56.0	58.5	61.9	65.1	66.0	67.2	67.2	67.2	67.8	68.1	68.1	68.6	68.6	68.6	68.6
GE 10000	42.2	59.2	61.8	65.5	68.8	69.8	71.0	71.0	71.0	71.6	71.8	71.8	72.4	72.4	72.4	72.4
GE 9000	42.9	60.1	62.7	66.6	69.9	70.9	72.0	72.0	72.0	72.7	72.9	72.9	73.4	73.4	73.4	73.4
GE 8000	44.3	62.0	64.7	68.8	72.2	73.3	74.6	74.6	74.6	75.3	75.5	75.5	76.0	76.0	76.0	76.0
GE 7000	44.8	62.8	65.5	69.7	73.0	74.2	75.5	75.5	75.5	76.1	76.3	76.3	76.9	76.9	76.9	76.9
GE 6000	44.9	63.0	65.8	70.0	73.3	74.5	75.8	75.8	75.8	76.5	76.7	76.7	77.2	77.2	77.2	77.2
GE 5000	45.6	64.1	67.3	71.6	75.1	76.2	77.5	77.5	77.5	78.2	78.4	78.4	78.9	78.9	78.9	78.9
GE 4500	46.5	65.4	68.6	73.0	76.5	77.6	78.9	78.9	78.9	79.6	79.8	79.8	80.3	80.3	80.3	80.3
GE 4000	47.7	67.8	71.1	75.6	79.4	80.5	81.8	81.8	81.8	82.5	82.7	82.7	83.2	83.2	83.2	83.2
GE 3500	48.1	69.1	72.4	76.9	80.6	81.8	83.1	83.1	83.1	83.8	84.0	84.0	84.5	84.5	84.5	84.5
GE 3000	48.7	70.1	73.4	78.0	81.7	82.9	84.3	84.3	84.3	84.9	85.2	85.2	85.7	85.7	85.7	85.7
GE 2500	49.2	71.3	74.7	79.4	83.2	84.5	85.9	85.9	85.9	86.7	86.9	86.9	87.4	87.4	87.4	87.4
GE 2000	49.7	71.9	75.5	80.3	84.5	85.8	87.2	87.2	87.2	88.0	88.2	88.2	88.7	88.7	88.7	88.7
GE 1800	49.7	72.2	75.7	80.5	84.7	86.0	87.4	87.4	87.4	88.2	88.4	88.4	88.9	88.9	88.9	88.9
GE 1500	49.7	72.2	75.7	80.6	84.8	86.1	87.5	87.5	87.5	88.3	88.5	88.5	89.0	89.0	89.0	89.0
GE 1200	49.8	72.8	76.3	81.5	85.8	87.1	88.7	88.8	88.8	89.6	89.8	89.8	90.3	90.3	90.3	90.3
GE 1000	49.9	73.3	77.0	82.4	86.8	88.1	89.8	89.9	89.9	90.6	90.9	90.9	91.4	91.4	91.4	91.4
GE 900	50.1	73.9	77.5	82.9	87.3	88.6	90.3	90.4	90.4	91.2	91.4	91.4	91.9	91.9	91.9	91.9
GE 800	50.1	73.9	77.5	83.0	87.4	88.7	90.4	90.5	90.5	91.3	91.5	91.5	92.0	92.0	92.0	92.0
GE 700	50.1	74.3	78.0	83.4	87.8	89.1	90.9	91.0	91.0	91.7	91.9	91.9	92.5	92.5	92.5	92.5
GE 600	50.2	74.5	78.3	84.1	88.6	90.0	91.7	91.8	91.8	92.6	92.9	92.9	93.4	93.4	93.4	93.4
GE 500	50.3	75.1	79.0	85.1	89.7	91.1	92.8	92.9	92.9	93.7	94.0	94.0	94.5	94.5	94.5	94.6
GE 400	50.3	75.7	80.0	86.1	90.9	92.3	94.0	94.1	94.1	94.9	95.3	95.3	95.8	95.8	95.8	95.9
GE 300	50.3	75.8	80.2	86.3	91.2	92.6	94.3	94.7	94.7	95.8	96.3	96.3	96.9	96.9	97.0	97.1
GE 200	50.3	75.8	80.2	86.5	91.3	92.7	94.7	95.4	95.4	96.5	97.0	97.0	97.8	97.8	98.0	98.1
GE 100	50.3	75.8	80.2	86.5	91.3	92.7	94.7	95.4	95.4	96.6	97.4	97.4	98.5	98.5	98.9	99.1
GE 0	50.3	75.8	80.2	86.5	91.3	92.7	94.7	95.4	95.4	96.6	97.4	97.4	98.5	98.5	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: AUG HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	26.0	38.2	40.9	44.6	48.0	48.6	49.4	50.6	50.6	51.9	52.3	52.4	53.8	53.9	55.2	55.4	
GE 20000	29.4	43.4	46.7	51.3	56.0	56.8	58.0	59.4	59.4	60.8	61.1	61.2	62.6	62.7	64.1	64.3	
GE 18000	29.4	43.4	46.7	51.3	56.0	56.8	58.0	59.4	59.4	60.8	61.1	61.2	62.6	62.7	64.1	64.3	
GE 16000	29.4	43.4	46.7	51.3	56.0	56.8	58.0	59.4	59.4	60.8	61.1	61.2	62.6	62.7	64.1	64.3	
GE 14000	29.5	43.5	46.8	51.4	56.1	56.9	58.1	59.5	59.5	60.9	61.2	61.3	62.7	62.8	64.2	64.4	
GE 12000	31.6	45.8	49.0	53.7	58.4	59.1	60.3	61.7	61.7	63.1	63.5	63.7	65.1	65.2	66.6	66.8	
GE 10000	33.2	48.4	52.2	57.0	61.7	62.5	63.7	65.1	65.1	66.5	66.9	67.0	68.4	68.5	69.9	70.1	
GE 9000	33.4	48.7	52.5	57.3	62.0	62.8	64.0	65.4	65.4	66.8	67.2	67.3	68.7	68.8	70.2	70.4	
GE 8000	35.4	51.1	54.9	60.3	65.1	65.8	67.1	68.5	68.5	70.0	70.4	70.5	72.0	72.2	73.7	73.9	
GE 7000	35.9	51.7	55.6	61.2	65.9	66.7	68.1	69.5	69.5	71.0	71.4	71.5	73.0	73.1	74.6	74.8	
GE 6000	35.9	51.7	55.6	61.2	65.9	66.7	68.1	69.5	69.5	71.0	71.4	71.5	73.0	73.1	74.6	74.8	
GE 5000	36.5	52.9	56.8	62.4	67.2	68.0	69.4	70.8	70.8	72.3	72.7	72.8	74.3	74.4	75.9	76.1	
GE 4500	37.4	54.0	57.8	63.8	68.6	69.4	70.9	72.4	72.4	73.9	74.4	74.5	76.0	76.1	77.6	77.8	
GE 4000	38.3	55.4	59.5	65.6	70.5	71.3	72.8	74.3	74.3	75.8	76.3	76.5	78.0	78.1	79.6	79.8	
GE 3500	39.0	56.2	60.5	66.7	71.6	72.4	73.9	75.4	75.4	76.9	77.4	77.5	79.0	79.1	80.6	80.9	
GE 3000	39.6	56.9	61.2	67.4	72.7	73.4	74.9	76.5	76.5	78.0	78.5	78.6	80.1	80.2	81.7	81.9	
GE 2500	40.2	58.1	62.4	68.8	74.2	74.9	76.5	78.0	78.0	79.5	80.0	80.1	81.6	81.7	83.2	83.4	
GE 2000	40.8	59.1	63.8	70.3	75.7	76.5	78.0	79.5	79.5	81.0	81.5	81.6	83.1	83.2	84.7	84.9	
GE 1800	40.9	59.8	64.4	71.0	76.3	77.1	78.6	80.1	80.1	81.6	82.2	82.3	83.8	83.9	85.4	85.6	
GE 1500	41.1	60.8	65.6	72.3	77.7	78.5	80.1	81.6	81.6	83.1	83.7	83.8	85.3	85.4	86.9	87.1	
GE 1200	41.2	61.5	66.3	73.1	78.6	79.4	81.0	82.5	82.5	84.0	84.5	84.6	86.1	86.2	87.7	88.0	
GE 1000	41.3	61.9	66.9	73.9	79.4	80.1	81.9	83.5	83.5	85.1	85.6	85.7	87.3	87.4	89.0	89.2	
GE 900	41.3	62.4	67.3	74.3	79.8	80.5	82.5	84.1	84.1	85.6	86.1	86.2	87.8	88.0	89.6	89.8	
GE 800	41.3	62.5	67.4	74.5	80.0	80.8	82.7	84.3	84.3	85.8	86.3	86.5	88.1	88.2	89.8	90.0	
GE 700	41.3	62.9	68.0	75.4	80.9	81.6	83.5	85.2	85.2	86.7	87.2	87.3	88.9	89.0	90.8	91.0	
GE 600	41.3	63.8	68.9	76.5	81.9	82.7	84.9	86.7	86.7	88.2	88.7	88.8	90.4	90.5	92.3	92.5	
GE 500	41.3	64.2	69.4	76.9	82.8	84.0	86.2	88.1	88.1	89.6	90.1	90.2	91.9	92.0	93.8	94.0	
GE 400	41.3	64.5	69.8	77.4	83.4	84.6	87.1	89.1	89.1	90.6	91.3	91.4	93.2	93.3	95.1	95.3	
GE 300	41.3	64.5	69.8	77.8	84.0	85.3	87.7	89.9	89.9	91.4	92.2	92.3	94.1	94.2	96.0	96.2	
GE 200	41.3	64.5	69.8	77.8	84.0	85.3	87.8	90.0	90.0	91.6	92.4	92.5	94.6	94.7	96.6	97.0	
GE 100	41.3	64.5	69.8	77.8	84.0	85.3	87.8	90.0	90.0	91.6	92.6	92.7	95.1	95.2	97.6	98.3	
GE 0	41.3	64.5	69.8	77.8	84.0	85.3	87.8	90.0	90.0	91.6	92.6	92.7	95.1	95.2	97.6	100.0	

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAF/AFAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: AUG HOURS(LST): 0600-0800

CEILING FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	21.0	32.6	35.9	41.1	44.3	46.5	48.3	49.6	49.8	51.5	51.9	51.9	52.9	52.9	53.7	54.1
GE 20000	23.9	36.6	40.4	46.8	50.4	52.8	54.7	56.0	56.2	58.0	58.4	58.4	59.4	59.5	60.4	61.0
GE 18000	23.9	36.6	40.4	46.8	50.4	52.8	54.7	56.0	56.2	58.0	58.4	58.4	59.4	59.5	60.4	61.0
GE 16000	24.1	36.8	40.6	47.0	50.6	53.0	54.9	56.2	56.5	58.2	58.6	58.6	59.6	59.7	60.6	61.2
GE 14000	24.3	37.1	41.1	47.6	51.4	53.8	55.7	57.0	57.2	58.9	59.4	59.4	60.3	60.4	61.4	61.9
GE 12000	26.0	39.6	43.5	50.2	54.4	56.9	59.0	60.3	60.5	62.5	62.9	62.9	63.9	64.0	64.9	65.5
GE 10000	27.4	42.7	46.8	54.3	58.6	61.1	63.4	64.9	65.2	67.2	67.7	67.7	68.7	68.8	69.8	70.3
GE 9000	27.4	42.9	47.0	54.5	58.8	61.3	63.7	65.3	65.5	67.5	68.1	68.1	69.0	69.1	70.1	70.6
GE 8000	28.5	45.1	49.5	57.6	62.3	64.8	67.4	69.2	69.5	71.6	72.2	72.2	73.1	73.2	74.3	74.8
GE 7000	28.9	45.6	50.0	58.4	63.1	65.7	68.3	70.1	70.3	72.5	73.0	73.0	74.0	74.1	75.2	75.7
GE 6000	29.2	45.9	50.3	58.7	63.4	66.0	68.6	70.4	70.6	72.8	73.3	73.3	74.3	74.4	75.5	76.0
GE 5000	29.5	46.6	51.1	59.6	64.3	67.0	69.6	71.4	71.6	73.8	74.3	74.3	75.3	75.4	76.5	77.0
GE 4500	30.0	47.8	52.5	61.0	65.7	68.4	71.2	73.0	73.2	75.4	75.9	75.9	76.9	77.0	78.1	78.6
GE 4000	30.0	48.1	52.8	61.6	66.5	69.2	72.3	74.1	74.3	76.5	77.0	77.0	78.0	78.1	79.1	79.7
GE 3500	30.4	48.6	53.4	62.4	67.2	70.0	73.1	74.9	75.2	77.3	77.3	77.3	78.8	78.9	80.0	80.5
GE 3000	30.6	49.1	54.0	63.0	68.1	70.9	74.3	76.1	76.3	78.5	79.0	79.0	80.0	80.1	81.2	81.7
GE 2500	31.8	51.0	56.0	65.2	70.2	73.1	76.8	78.6	78.8	81.0	81.5	81.5	82.5	82.6	83.7	84.2
GE 2000	32.3	52.0	57.3	66.7	71.7	74.7	78.4	80.2	80.4	82.6	83.1	83.1	84.1	84.2	85.3	85.8
GE 1800	32.3	52.3	57.6	67.1	72.2	75.2	78.9	80.8	81.0	83.1	83.7	83.7	84.6	84.7	85.8	86.3
GE 1500	32.3	52.8	58.3	67.8	72.9	75.9	79.8	81.6	81.8	84.1	84.6	84.6	85.6	85.7	86.8	87.3
GE 1200	32.4	53.1	58.6	68.5	73.9	77.3	81.4	83.3	83.5	85.8	86.3	86.3	87.3	87.4	88.5	89.0
GE 1000	32.5	53.9	59.4	69.6	75.2	78.6	82.8	84.9	85.2	87.5	88.1	88.1	89.1	89.2	90.3	90.9
GE 900	32.5	53.9	59.4	69.6	75.2	78.7	82.9	85.2	85.4	87.7	88.4	88.4	89.6	89.7	90.8	91.3
GE 800	32.5	53.9	59.4	69.7	75.3	78.9	83.4	85.8	86.0	88.5	89.1	89.1	90.3	90.4	91.5	92.0
GE 700	32.5	54.4	60.0	70.5	76.2	79.9	84.4	86.8	87.0	89.6	90.2	90.2	91.4	91.5	92.6	93.1
GE 600	32.5	54.6	60.2	71.3	77.3	81.0	85.7	88.2	88.4	91.0	91.6	91.6	92.8	92.9	94.0	94.5
GE 500	32.5	54.7	60.4	71.8	78.3	82.0	86.9	89.5	89.8	92.5	93.2	93.2	94.4	94.5	95.6	96.1
GE 400	32.5	54.7	60.5	72.2	78.6	82.4	87.2	90.1	90.4	93.2	94.1	94.1	95.4	95.5	96.6	97.1
GE 300	32.5	54.8	60.6	72.4	78.9	83.0	88.0	90.9	91.2	94.2	95.2	95.2	96.6	96.7	97.7	98.3
GE 200	32.5	54.8	60.6	72.5	79.0	83.1	88.1	91.0	91.3	94.4	95.5	95.5	97.0	97.1	98.4	98.9
GE 100	32.5	54.8	60.6	72.5	79.0	83.1	88.1	91.0	91.3	94.4	95.5	95.5	97.0	97.1	98.6	99.4
GE 0	32.5	54.8	60.6	72.5	79.0	83.1	88.1	91.0	91.3	94.4	95.5	95.5	97.0	97.1	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: AUG HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	27.5	47.3	51.5	54.8	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 20000	30.1	52.3	57.0	60.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 18000	30.1	52.3	57.0	60.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 16000	30.2	52.4	57.1	60.8	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 14000	30.3	52.7	57.4	61.4	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 12000	31.7	54.8	59.9	64.0	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 10000	32.4	56.8	62.2	66.6	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 9000	32.8	57.4	62.8	67.2	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 8000	33.5	58.9	64.7	69.5	71.4	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 7000	34.1	59.6	65.4	70.1	72.0	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 6000	34.2	59.9	65.8	70.5	72.5	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 5000	34.5	61.0	67.2	71.9	73.9	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 4500	35.3	61.9	68.2	73.2	75.4	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 4000	35.8	63.0	69.4	74.4	76.6	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 3500	36.6	64.3	70.8	75.8	78.0	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 3000	37.4	65.5	72.2	77.5	79.8	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 2500	38.3	67.2	74.0	79.6	81.9	82.6	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 2000	38.7	69.6	76.6	82.5	84.8	85.5	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 1800	39.1	71.5	78.6	84.6	87.1	87.7	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 1500	39.7	74.0	81.6	87.7	90.2	90.9	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1200	40.3	75.4	83.3	90.0	92.7	93.3	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1000	40.5	76.3	84.5	91.3	94.1	94.8	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 900	40.5	76.3	84.6	91.6	94.5	95.5	96.2	96.7	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.0
GE 800	40.5	76.6	84.8	91.9	94.8	95.8	96.7	97.1	97.1	97.2	97.4	97.4	97.4	97.4	97.4	97.4
GE 700	40.5	76.7	84.9	92.2	95.1	96.0	97.0	97.4	97.4	97.5	97.7	97.7	97.7	97.7	97.7	97.7
GE 600	40.5	77.1	85.5	92.8	95.7	96.7	97.7	98.2	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5
GE 500	40.5	77.1	85.5	92.8	95.7	96.8	98.1	98.5	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8
GE 400	40.5	77.1	85.5	92.9	95.8	96.9	98.7	99.2	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	40.5	77.1	85.5	93.0	95.9	97.0	98.8	99.4	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9
GE 200	40.5	77.1	85.5	93.0	95.9	97.0	98.8	99.4	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0
GE 100	40.5	77.1	85.5	93.0	95.9	97.0	98.8	99.4	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0
GE 0	40.5	77.1	85.5	93.0	95.9	97.0	98.8	99.4	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 76-87  
MONTH: AUG HOURS(LST): 1200-1400

CEILING FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	29.6	46.3	48.6	50.8	51.8	51.8	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 20000	34.2	53.9	56.3	59.0	60.1	60.1	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 18000	34.2	53.9	56.3	59.0	60.1	60.1	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 16000	34.2	53.9	56.3	59.0	60.1	60.1	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 14000	34.4	54.2	57.0	59.8	60.9	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 12000	35.3	56.1	58.9	62.0	63.1	63.1	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 10000	36.0	58.1	60.9	64.0	65.1	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 9000	36.3	58.9	61.7	64.8	65.9	65.9	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 8000	37.2	60.6	63.9	67.3	68.5	68.5	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 7000	37.8	61.5	64.7	68.2	69.4	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 6000	37.8	61.5	64.7	68.2	69.4	69.4	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 5000	38.5	62.6	65.8	69.4	70.5	70.5	70.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 4500	39.7	65.1	68.5	72.3	73.5	73.5	73.5	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 4000	40.5	67.1	71.3	75.6	76.9	76.9	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 3500	41.7	69.0	73.7	78.2	79.6	79.6	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 3000	42.9	71.0	76.0	81.0	82.4	82.5	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 2500	43.7	73.4	78.8	84.2	86.0	86.1	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 2000	44.7	76.9	82.8	88.5	90.3	90.4	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1800	45.5	78.2	84.4	90.2	92.2	92.3	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1500	46.0	80.5	87.1	93.0	94.9	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1200	46.0	80.9	87.5	93.7	95.6	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1000	46.1	81.3	88.3	94.4	96.6	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 900	46.2	81.5	88.5	94.7	97.0	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 800	46.2	81.5	88.5	95.1	97.4	97.6	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 700	46.2	81.5	88.5	95.2	97.5	97.8	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 600	46.2	81.8	88.8	95.5	97.8	98.3	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 500	46.3	81.9	88.9	95.7	98.1	98.6	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	46.3	81.9	89.0	95.8	98.3	98.9	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	46.3	81.9	89.0	95.8	98.3	98.9	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	46.3	81.9	89.0	95.8	98.3	98.9	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	46.3	81.9	89.0	95.8	98.3	98.9	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 0	46.3	81.9	89.0	95.8	98.3	98.9	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87

MONTH: AUG HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	33.4	48.8	52.5	55.6	56.6	56.7	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 20000	38.0	56.6	61.0	64.9	66.3	66.5	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 18000	38.0	56.6	61.0	64.9	66.3	66.5	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 16000	38.0	56.6	61.0	64.9	66.3	66.5	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 14000	38.1	56.8	61.5	65.5	66.9	67.0	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 12000	39.0	58.5	63.4	67.4	68.8	68.9	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 10000	40.2	60.8	65.8	69.9	71.3	71.4	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 9000	40.3	62.0	67.3	71.4	72.8	72.9	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 8000	40.8	63.5	68.9	73.3	75.2	75.3	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 7000	41.0	64.3	69.9	74.3	76.1	76.2	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 6000	41.0	64.6	70.2	74.6	76.6	76.7	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 5000	41.5	65.6	71.2	75.6	77.5	77.6	77.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 4500	43.1	68.0	73.9	78.5	80.6	80.8	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 4000	43.3	69.0	75.3	80.3	82.6	82.7	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 3500	44.7	71.4	78.0	83.1	85.4	85.6	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 3000	45.4	72.8	79.5	84.6	86.9	87.1	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 2500	46.0	74.6	81.5	86.8	89.6	89.8	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 2000	46.2	75.8	83.2	88.5	91.4	91.6	91.6	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1800	46.7	76.6	84.0	89.2	92.2	92.4	92.4	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1500	47.2	78.1	85.7	91.4	94.4	94.7	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 1200	47.3	78.5	86.5	92.2	95.3	95.7	95.8	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1000	47.3	78.7	86.8	92.8	96.2	96.7	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 900	47.3	78.7	86.8	93.2	96.7	97.2	97.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 800	47.3	78.7	86.8	93.2	96.9	97.4	97.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 700	47.3	78.8	86.9	93.4	97.1	97.6	97.7	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 600	47.3	79.1	87.2	93.8	97.5	98.1	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	47.3	79.1	87.2	93.9	97.7	98.3	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	47.3	79.1	87.2	93.9	97.7	98.3	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	47.3	79.1	87.2	93.9	97.7	98.3	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	47.3	79.1	87.2	93.9	97.7	98.3	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	47.3	79.1	87.2	93.9	97.7	98.3	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	47.3	79.1	87.2	93.9	97.7	98.3	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 76-87  
MONTH: AUG HOURS(1ST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	32.9	47.0	50.0	54.5	55.5	56.1	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 20000	38.3	55.5	59.7	65.3	66.3	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 18000	38.3	55.5	59.7	65.3	66.3	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 16000	38.4	55.6	59.8	65.4	66.5	67.1	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 14000	38.7	56.2	60.5	66.1	67.2	67.8	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 12000	40.0	57.8	62.4	68.0	69.0	69.7	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 10000	41.3	60.5	65.3	71.0	72.2	72.8	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 9000	41.3	61.1	66.2	71.9	73.1	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 8000	42.5	63.3	69.0	74.8	76.0	76.8	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 7000	42.7	64.0	69.8	76.0	77.2	78.1	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 6000	42.7	64.1	69.9	76.1	77.3	78.2	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 5000	43.5	65.7	71.6	77.8	79.0	79.9	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 4500	44.2	67.5	73.5	79.9	81.1	81.9	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 4000	44.8	69.0	75.2	81.8	83.1	84.1	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 3500	45.3	70.4	76.6	83.4	84.7	85.7	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 3000	45.8	71.7	77.8	84.7	86.0	87.0	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 2500	46.0	73.0	79.1	86.0	87.3	88.4	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 2000	46.1	73.2	79.6	86.6	88.0	89.1	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1800	46.3	73.7	80.1	87.2	88.7	89.9	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 1500	46.6	75.2	81.7	89.0	90.9	92.0	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1200	46.7	75.4	82.4	89.8	91.8	93.1	93.7	93.8	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.0
GE 1000	46.8	76.0	83.7	91.2	93.2	94.5	95.1	95.2	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.4
GE 900	46.9	76.1	84.1	91.8	93.9	95.2	95.7	95.9	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.1
GE 800	47.0	76.3	84.4	92.2	94.2	95.5	96.0	96.2	96.2	96.5	96.5	96.5	96.6	96.6	96.6	96.6
GE 700	47.0	76.5	84.8	93.3	95.4	96.7	97.2	97.4	97.4	97.7	97.7	97.7	97.8	97.8	97.8	97.8
GE 600	47.0	76.6	84.9	93.4	95.5	96.8	97.4	97.6	97.6	98.0	98.0	98.0	98.1	98.1	98.1	98.1
GE 500	47.0	76.9	85.3	94.1	96.1	97.4	98.3	98.5	98.5	99.0	99.0	99.0	99.1	99.1	99.1	99.1
GE 400	47.0	77.1	85.5	94.5	96.6	98.0	98.8	99.0	99.0	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 300	47.0	77.1	85.6	94.7	96.9	98.3	99.1	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	47.0	77.1	85.6	94.7	96.9	98.3	99.1	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	47.0	77.1	85.6	94.7	96.9	98.3	99.1	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	47.0	77.1	85.6	94.7	96.9	98.3	99.1	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72407C STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: AUG HOURS(IST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	36.3	51.6	54.1	56.9	58.7	59.9	60.3	60.5	60.5	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 20000	40.2	58.1	61.5	64.8	66.9	68.1	68.6	68.8	68.8	69.0	69.0	69.0	69.0	69.1	69.1	69.1
GE 18000	40.2	58.1	61.5	64.8	66.9	68.1	68.6	68.8	68.8	69.0	69.0	69.0	69.0	69.1	69.1	69.1
GE 16000	40.2	58.1	61.5	64.8	66.9	68.1	68.6	68.8	68.8	69.0	69.0	69.0	69.0	69.1	69.1	69.1
GE 14000	40.2	58.2	61.6	64.9	67.0	68.2	68.7	68.9	68.9	69.1	69.1	69.1	69.1	69.2	69.2	69.2
GE 12000	41.8	60.5	64.2	67.5	69.7	70.9	71.4	71.6	71.6	71.8	71.8	71.8	71.8	71.9	71.9	71.9
GE 10000	43.4	63.4	67.2	70.6	72.8	74.0	74.5	74.7	74.7	74.9	74.9	74.9	74.9	75.1	75.1	75.1
GE 9000	43.5	64.1	68.0	71.4	73.5	74.7	75.3	75.5	75.5	75.7	75.7	75.7	75.7	75.8	75.8	75.8
GE 8000	44.0	65.3	69.1	73.0	75.2	76.3	76.9	77.1	77.1	77.3	77.3	77.3	77.3	77.4	77.4	77.4
GE 7000	44.9	66.3	70.2	74.2	76.3	77.5	78.1	78.3	78.3	78.5	78.5	78.5	78.5	78.6	78.6	78.6
GE 6000	45.4	66.9	70.9	74.8	77.0	78.2	78.7	78.9	78.9	79.1	79.1	79.1	79.1	79.2	79.2	79.2
GE 5000	46.8	68.9	73.2	77.2	79.4	80.5	81.1	81.3	81.3	81.5	81.5	81.5	81.5	81.6	81.6	81.6
GE 4500	47.5	70.5	74.9	78.9	81.3	82.5	83.0	83.2	83.2	83.4	83.4	83.4	83.4	83.5	83.5	83.5
GE 4000	48.0	71.2	75.8	79.8	82.2	83.3	84.0	84.2	84.2	84.4	84.4	84.4	84.4	84.5	84.5	84.5
GE 3500	48.5	72.0	76.8	80.9	83.2	84.4	85.2	85.4	85.4	85.6	85.6	85.6	85.6	85.7	85.7	85.7
GE 3000	49.4	73.8	78.5	82.6	84.9	86.1	86.9	87.1	87.1	87.3	87.3	87.3	87.3	87.4	87.4	87.4
GE 2500	49.9	74.4	79.1	83.2	85.6	86.8	87.5	87.7	87.7	88.0	88.0	88.0	88.0	88.1	88.1	88.1
GE 2000	50.5	75.6	80.3	84.6	87.1	88.3	89.0	89.2	89.2	89.5	89.5	89.5	89.5	89.6	89.6	89.6
GE 1800	50.5	75.6	80.3	84.7	87.2	88.4	89.1	89.4	89.4	89.6	89.6	89.6	89.6	89.7	89.7	89.7
GE 1500	51.1	76.7	81.5	85.9	88.5	89.8	90.6	90.9	90.9	91.1	91.1	91.1	91.1	91.2	91.2	91.2
GE 1200	51.3	77.2	82.2	86.6	89.1	90.4	91.3	91.5	91.5	91.7	91.7	91.7	91.7	91.8	91.8	91.8
GE 1000	52.0	78.5	83.5	88.1	90.6	91.9	92.8	93.0	93.0	93.2	93.2	93.2	93.2	93.3	93.3	93.3
GE 900	52.2	78.6	83.7	88.2	90.8	92.0	92.9	93.1	93.1	93.3	93.3	93.3	93.3	93.4	93.4	93.4
GE 800	52.2	78.8	84.0	88.6	91.2	92.5	93.3	93.5	93.5	93.8	93.8	93.8	93.8	93.9	93.9	93.9
GE 700	52.4	79.0	84.4	89.2	91.9	93.2	94.1	94.3	94.3	94.5	94.5	94.5	94.5	94.6	94.6	94.6
GE 600	52.4	79.1	84.5	89.4	92.2	93.5	94.4	94.6	94.6	94.8	94.8	94.8	94.8	94.9	94.9	94.9
GE 500	52.6	79.9	85.3	90.2	93.1	94.6	95.8	96.1	96.1	96.8	96.8	96.8	96.8	96.9	96.9	96.9
GE 400	52.6	80.3	85.9	91.2	94.1	95.7	97.2	97.6	97.6	98.5	98.5	98.5	98.5	98.6	98.6	98.6
GE 300	52.6	80.5	86.1	91.6	94.6	96.2	98.0	98.5	98.5	99.4	99.4	99.4	99.4	99.6	99.6	99.6
GE 200	52.6	80.5	86.1	91.7	94.7	96.3	98.1	98.6	98.6	99.5	99.5	99.5	99.5	99.7	99.7	99.7
GE 100	52.6	80.5	86.1	91.7	94.7	96.3	98.2	98.7	98.7	99.6	99.6	99.6	99.6	99.8	99.8	99.8
GE 01	52.6	80.5	86.1	91.7	94.7	96.3	98.2	98.7	98.7	99.6	99.6	99.6	99.6	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72407D STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: AUG HOURS(LST):

ALL

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0		
NO CEIL	30.0	44.9	47.8	51.2	53.2	53.9	54.5	54.9	54.9	55.4	55.5	55.5	55.9	55.9	56.2	56.2	
GE 20000	34.1	51.3	54.9	59.2	61.5	62.3	63.0	63.4	63.4	63.9	64.0	64.0	64.4	64.4	64.7	64.8	
GE 18000	34.1	51.3	54.9	59.2	61.5	62.3	63.0	63.4	63.4	63.9	64.0	64.0	64.4	64.4	64.7	64.8	
GE 16000	34.2	51.4	55.0	59.2	61.6	62.4	63.0	63.4	63.5	64.0	64.1	64.1	64.5	64.5	64.8	64.9	
GE 14000	34.3	51.7	55.4	59.7	62.1	62.8	63.5	63.9	63.9	64.4	64.5	64.6	64.9	65.0	65.3	65.3	
GE 12000	35.7	53.7	57.5	61.8	64.3	65.1	65.8	66.2	66.2	66.8	66.9	66.9	67.3	67.3	67.6	67.7	
GE 10000	37.0	56.2	60.3	64.9	67.4	68.2	68.9	69.3	69.4	69.9	70.0	70.1	70.4	70.5	70.8	70.8	
GE 9000	37.3	56.9	61.0	65.6	68.2	69.0	69.7	70.1	70.2	70.7	70.9	70.9	71.3	71.3	71.6	71.7	
GE 8000	38.3	58.7	63.1	68.1	70.7	71.6	72.3	72.8	72.9	73.4	73.6	73.6	74.0	74.0	74.3	74.4	
GE 7000	38.8	59.5	63.9	69.0	71.6	72.5	73.3	73.8	73.8	74.4	74.5	74.5	74.9	75.0	75.3	75.4	
GE 6000	38.9	59.7	64.2	69.3	71.9	72.8	73.6	74.1	74.1	74.7	74.8	74.8	75.2	75.3	75.6	75.7	
GE 5000	39.5	60.9	65.5	70.7	73.4	74.2	75.0	75.5	75.6	76.1	76.3	76.3	76.7	76.7	77.0	77.1	
GE 4500	40.5	62.5	67.2	72.6	75.3	76.2	77.1	77.6	77.6	78.2	78.3	78.4	78.8	78.8	79.1	79.2	
GE 4000	41.1	63.8	68.8	74.3	77.2	78.1	79.0	79.5	79.6	80.1	80.3	80.3	80.7	80.7	81.0	81.1	
GE 3500	41.8	65.1	70.3	75.9	78.8	79.7	80.6	81.2	81.2	81.8	81.9	81.9	82.3	82.4	82.7	82.8	
GE 3000	42.5	66.4	71.6	77.4	80.3	81.3	82.2	82.8	82.8	83.4	83.5	83.5	83.9	84.0	84.3	84.4	
GE 2500	43.1	67.9	73.2	79.1	82.3	83.3	84.3	84.8	84.9	85.4	85.6	85.6	86.0	86.0	86.4	86.5	
GE 2000	43.6	69.3	74.9	81.0	84.2	85.2	86.3	86.8	86.9	87.4	87.6	87.6	88.0	88.0	88.3	88.4	
GE 1800	43.9	70.0	75.6	81.8	85.1	86.1	87.1	87.7	87.7	88.3	88.5	88.5	88.9	88.9	89.2	89.3	
GE 1500	44.2	71.3	77.2	83.5	86.8	87.9	89.0	89.6	89.6	90.2	90.3	90.4	90.8	90.8	91.1	91.2	
GE 1200	44.4	71.8	77.9	84.4	87.8	89.0	90.2	90.8	90.8	91.4	91.6	91.6	92.0	92.0	92.4	92.5	
GE 1000	44.6	72.5	78.8	85.4	89.0	90.2	91.4	92.1	92.2	92.8	92.9	93.0	93.4	93.4	93.8	93.8	
GE 900	44.6	72.7	79.0	85.8	89.4	90.6	91.9	92.6	92.6	93.3	93.5	93.5	93.9	94.0	94.3	94.4	
GE 800	44.6	72.8	79.1	86.0	89.7	90.9	92.2	93.0	93.0	93.7	93.9	93.9	94.3	94.4	94.7	94.8	
GE 700	44.7	73.0	79.4	86.6	90.2	91.5	92.8	93.6	93.6	94.3	94.5	94.5	95.0	95.0	95.4	95.5	
GE 600	44.7	73.3	79.8	87.1	90.8	92.1	93.6	94.4	94.4	95.1	95.3	95.3	95.8	95.8	96.1	96.2	
GE 500	44.7	73.6	80.1	87.6	91.4	92.8	94.4	95.3	95.3	96.1	96.4	96.4	96.8	96.9	97.2	97.3	
GE 400	44.7	73.8	80.4	88.0	91.9	93.4	95.1	96.1	96.2	97.0	97.3	97.3	97.8	97.8	98.2	98.3	
GE 300	44.7	73.9	80.5	88.2	92.2	93.7	95.5	96.6	96.6	97.5	97.8	97.9	98.4	98.4	98.8	98.9	
GE 200	44.7	73.9	80.5	88.2	92.2	93.7	95.6	96.7	96.7	97.7	98.0	98.0	98.6	98.7	99.1	99.2	
GE 100	44.7	73.9	80.5	88.2	92.2	93.7	95.6	96.7	96.7	97.7	98.1	98.1	98.8	98.8	99.4	99.6	
GE 0	44.7	73.9	80.5	88.2	92.2	93.7	95.6	96.7	96.7	97.7	98.1	98.1	98.8	98.8	99.4	100.0	

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: SEP HOURS(LST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	41.3	50.9	52.9	54.3	55.2	55.2	56.1	56.2	56.3	56.4	56.4	56.4	56.4	56.7	56.7	57.2	57.3
GE 20000	43.9	55.6	57.8	59.4	60.4	60.4	61.3	61.4	61.6	61.7	61.7	61.7	61.7	61.9	61.9	62.4	62.6
GE 18000	43.9	55.6	57.8	59.4	60.4	60.4	61.3	61.4	61.6	61.7	61.7	61.7	61.7	61.9	61.9	62.4	62.6
GE 16000	43.9	55.6	57.8	59.4	60.4	60.4	61.3	61.4	61.6	61.7	61.7	61.7	61.7	61.9	61.9	62.4	62.6
GE 14000	43.9	55.6	57.8	59.4	60.4	60.4	61.3	61.4	61.6	61.7	61.7	61.7	61.7	61.9	61.9	62.4	62.6
GE 12000	44.7	56.4	59.0	60.9	61.9	61.9	62.8	62.9	63.0	63.1	63.1	63.1	63.1	63.3	63.3	63.9	64.0
GE 10000	46.2	58.6	61.1	63.0	64.0	64.0	64.9	65.0	65.1	65.2	65.2	65.2	65.2	65.4	65.4	66.1	66.2
GE 9000	46.2	59.1	61.8	63.7	64.8	64.8	65.7	65.8	65.9	66.0	66.0	66.0	66.0	66.2	66.2	66.9	67.0
GE 8000	48.2	62.3	65.0	67.0	68.3	68.3	69.2	69.3	69.4	69.6	69.6	69.6	69.6	69.8	69.8	70.4	70.6
GE 7000	50.0	64.3	67.0	69.0	70.3	70.3	71.2	71.3	71.4	71.6	71.6	71.6	71.6	71.8	71.8	72.4	72.6
GE 6000	50.2	64.6	67.2	69.2	70.6	70.6	71.4	71.6	71.7	71.8	71.8	71.8	71.8	72.0	72.0	72.7	72.8
GE 5000	51.7	66.3	69.0	71.0	72.3	72.3	73.2	73.3	73.4	73.6	73.6	73.6	73.6	73.8	73.8	74.4	74.6
GE 4500	53.7	68.6	71.2	73.4	74.9	74.9	75.8	75.9	76.0	76.1	76.1	76.1	76.1	76.3	76.3	77.0	77.1
GE 4000	54.6	70.0	72.7	74.9	76.4	76.4	77.3	77.4	77.6	77.7	77.7	77.7	77.7	77.9	77.9	78.6	78.7
GE 3500	55.7	71.4	74.1	76.3	78.1	78.1	79.0	79.2	79.3	79.4	79.4	79.4	79.4	79.7	79.7	80.3	80.4
GE 3000	56.1	72.6	75.4	77.7	79.6	79.6	80.4	80.7	80.8	80.9	80.9	80.9	80.9	81.1	81.1	81.8	81.9
GE 2500	57.4	74.7	77.7	80.0	81.9	81.9	82.8	83.0	83.1	83.2	83.2	83.2	83.2	83.4	83.4	84.1	84.2
GE 2000	59.2	77.0	80.0	82.4	84.3	84.3	85.2	85.4	85.6	85.7	85.7	85.7	85.7	85.9	85.9	86.6	86.7
GE 1800	59.6	77.6	80.6	83.0	84.9	84.9	85.8	86.0	86.1	86.2	86.2	86.2	86.2	86.4	86.4	87.1	87.2
GE 1500	60.1	78.1	81.1	83.7	85.6	85.6	86.4	86.7	86.8	86.9	86.9	86.9	86.9	87.1	87.1	87.8	87.9
GE 1200	60.6	78.6	81.7	84.3	86.3	86.3	87.2	87.4	87.6	87.7	87.7	87.7	87.7	87.9	87.9	88.6	88.7
GE 1000	61.1	79.4	82.8	85.4	87.4	87.4	88.3	88.7	88.8	88.9	88.9	88.9	88.9	89.2	89.2	89.9	90.0
GE 900	61.2	79.8	83.1	85.8	88.0	88.0	88.9	89.2	89.3	89.4	89.4	89.4	89.4	89.8	89.8	90.6	90.7
GE 800	61.4	80.1	83.6	86.2	88.4	88.4	89.3	89.8	89.9	90.0	90.0	90.0	90.0	90.3	90.3	91.1	91.2
GE 700	61.6	80.8	84.6	87.3	89.6	89.6	90.4	90.9	91.0	91.1	91.1	91.1	91.1	91.4	91.4	92.2	92.3
GE 600	61.9	81.1	85.0	87.8	90.0	90.0	90.9	91.3	91.4	91.6	91.6	91.6	91.6	91.9	91.9	92.7	92.8
GE 500	62.3	82.4	86.4	89.4	91.7	91.8	92.9	93.4	93.6	93.7	93.7	93.7	93.7	94.0	94.0	94.8	94.9
GE 400	62.3	83.1	87.1	90.7	92.9	93.0	94.2	94.9	95.0	95.1	95.1	95.1	95.1	95.4	95.4	96.2	96.3
GE 300	62.3	83.1	87.3	91.1	93.3	93.4	95.0	95.7	95.8	96.2	96.2	96.2	96.2	96.6	96.6	97.3	97.4
GE 200	62.3	83.1	87.3	91.2	93.4	93.7	95.4	96.3	96.4	97.1	97.1	97.1	97.1	97.6	97.6	98.3	98.4
GE 100	62.3	83.1	87.3	91.2	93.4	93.7	95.6	96.4	96.6	97.3	97.6	97.6	97.6	98.1	98.1	98.9	99.1
GE 0	62.3	83.1	87.3	91.2	93.4	93.7	95.6	96.4	96.6	97.3	97.6	97.6	97.6	98.2	98.2	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: SEP HOURS (LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	37.7	48.2	50.8	53.1	54.9	54.9	55.7	56.0	56.0	56.6	57.0	57.0	57.7	57.7	58.1	59.0
GE 20000	40.2	51.8	54.4	57.0	59.0	59.0	59.9	60.2	60.2	60.8	61.2	61.2	61.9	61.9	62.4	63.4
GE 18000	40.2	51.8	54.4	57.0	59.0	59.0	59.9	60.2	60.2	60.8	61.2	61.2	61.9	61.9	62.4	63.4
GE 16000	40.2	51.8	54.4	57.0	59.0	59.0	59.9	60.2	60.2	60.8	61.2	61.2	61.9	61.9	62.4	63.4
GE 14000	40.2	51.8	54.4	57.0	59.0	59.0	59.9	60.2	60.2	60.8	61.2	61.2	61.9	61.9	62.4	63.4
GE 12000	40.9	53.0	55.7	58.2	60.2	60.2	61.1	61.4	61.4	62.0	62.4	62.4	63.1	63.1	63.7	64.7
GE 10000	42.3	55.2	57.9	60.6	62.7	62.7	63.6	63.9	63.9	64.4	64.9	64.9	65.6	65.6	66.1	67.1
GE 9000	42.4	56.2	58.9	61.6	63.7	63.7	64.6	64.9	64.9	65.4	65.9	65.9	66.6	66.6	67.1	68.1
GE 8000	44.0	58.3	61.1	64.0	67.2	67.2	68.1	68.6	68.6	69.1	69.6	69.6	70.2	70.2	70.8	71.8
GE 7000	45.6	60.2	63.1	66.0	69.2	69.2	70.1	70.6	70.6	71.1	71.6	71.6	72.2	72.2	72.8	73.8
GE 6000	45.8	60.4	63.3	66.2	69.4	69.4	70.3	70.8	70.8	71.3	71.8	71.8	72.4	72.4	73.0	74.0
GE 5000	47.4	62.4	65.3	68.2	71.4	71.4	72.3	72.8	72.8	73.3	73.8	73.8	74.4	74.4	75.0	76.0
GE 4500	48.0	63.4	66.4	69.3	72.6	72.6	73.4	73.9	73.9	74.4	74.9	74.9	75.6	75.6	76.1	77.1
GE 4000	48.7	64.1	67.1	70.1	73.3	73.3	74.2	74.7	74.7	75.2	75.7	75.7	76.3	76.3	76.9	77.9
GE 3500	49.2	64.9	68.0	71.0	74.2	74.3	75.3	75.8	75.8	76.3	76.8	76.8	77.4	77.4	78.0	79.0
GE 3000	51.0	66.9	70.3	73.3	76.7	76.9	77.9	78.3	78.3	78.9	79.3	79.3	80.0	80.0	80.6	81.6
GE 2500	52.6	68.8	72.2	75.3	78.7	79.0	80.0	80.4	80.4	81.0	81.4	81.4	82.1	82.1	82.7	83.7
GE 2000	53.3	69.7	73.2	76.3	79.7	80.0	81.0	81.4	81.4	82.0	82.4	82.4	83.1	83.1	83.7	84.7
GE 1800	53.6	70.2	73.8	76.9	80.2	80.6	81.6	82.0	82.0	82.6	83.0	83.0	83.7	83.7	84.2	85.2
GE 1500	53.9	71.1	74.8	78.0	81.3	81.7	82.7	83.1	83.1	83.7	84.1	84.1	84.8	84.8	85.4	86.4
GE 1200	54.4	72.1	75.9	79.2	82.7	83.0	84.0	84.4	84.4	85.0	85.4	85.4	86.1	86.1	86.8	87.8
GE 1000	54.8	73.0	76.8	80.3	83.9	84.3	85.3	85.9	85.9	86.4	87.0	87.0	87.7	87.7	88.3	89.3
GE 900	54.9	73.3	77.1	80.7	84.6	85.0	86.0	86.6	86.6	87.1	87.7	87.7	88.3	88.3	89.0	90.0
GE 800	54.9	73.6	77.4	81.1	85.0	85.4	86.4	87.1	87.1	87.7	88.2	88.2	88.9	88.9	89.6	90.6
GE 700	55.1	74.8	78.7	82.3	86.6	87.0	88.0	88.7	88.7	89.3	89.9	89.9	90.7	90.7	91.3	92.3
GE 600	55.1	75.3	79.4	83.3	87.6	88.0	89.1	89.8	89.8	90.4	91.0	91.0	91.8	91.8	92.4	93.4
GE 500	55.1	75.4	79.7	83.7	88.0	88.6	89.9	91.0	91.0	91.8	92.3	92.3	93.1	93.1	93.8	94.8
GE 400	55.1	76.4	80.9	84.9	89.3	89.9	91.2	92.4	92.4	93.2	93.8	93.8	94.6	94.6	95.2	96.2
GE 300	55.1	76.7	81.2	85.4	90.0	90.7	92.0	93.2	93.2	94.0	94.6	94.6	95.3	95.3	96.1	97.1
GE 200	55.1	76.8	81.7	85.9	90.4	91.2	92.6	93.9	93.9	95.0	95.6	95.6	96.4	96.4	97.2	98.2
GE 100	55.1	76.8	81.7	85.9	90.4	91.2	92.6	94.0	94.0	95.1	95.7	95.7	96.7	96.7	97.7	98.7
GE 0	55.1	76.8	81.7	85.9	90.4	91.2	92.6	94.1	94.1	95.2	95.8	95.8	96.8	96.8	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: SEP HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	29.4	42.3	45.8	48.7	50.6	51.7	53.2	53.8	53.9	55.3	55.8	55.8	56.3	56.4	56.8	57.4
GE 20000	32.2	46.0	49.4	52.8	55.0	56.3	58.0	58.8	58.9	60.4	60.9	60.9	61.7	61.8	62.7	63.6
GE 18000	32.3	46.1	49.8	53.1	55.3	56.7	58.3	59.1	59.2	60.8	61.2	61.2	62.0	62.1	63.0	63.9
GE 16000	32.3	46.1	49.8	53.1	55.3	56.7	58.3	59.1	59.2	60.8	61.2	61.2	62.0	62.1	63.0	63.9
GE 14000	32.3	46.1	49.8	53.1	55.3	56.7	58.3	59.1	59.2	60.8	61.2	61.2	62.0	62.1	63.0	63.9
GE 12000	33.1	47.2	51.1	54.4	56.7	58.0	59.7	60.6	60.7	62.2	62.7	62.7	63.4	63.6	64.4	65.4
GE 10000	33.7	48.3	52.2	55.7	58.2	59.7	61.7	62.6	62.7	64.3	64.8	64.8	65.6	65.7	66.6	67.6
GE 9000	33.7	48.6	52.4	56.0	58.6	60.0	62.0	62.9	63.0	64.7	65.1	65.1	65.9	66.0	66.9	67.9
GE 8000	34.6	50.2	54.1	57.9	60.4	61.9	64.4	65.3	65.4	67.1	67.6	67.6	68.3	68.4	69.4	70.4
GE 7000	35.7	51.8	55.7	59.4	62.0	63.4	66.0	66.9	67.0	68.7	69.1	69.1	69.9	70.0	71.1	72.1
GE 6000	35.8	51.9	55.9	59.7	62.2	63.7	66.2	67.1	67.2	68.9	69.3	69.3	70.1	70.2	71.3	72.3
GE 5000	36.9	53.6	57.6	61.6	64.1	65.6	68.1	69.0	69.1	70.8	71.2	71.2	72.0	72.1	73.2	74.2
GE 4500	37.0	54.0	58.0	62.2	64.9	66.3	68.9	69.9	70.0	71.7	72.1	72.1	72.9	73.0	74.1	75.1
GE 4000	37.9	54.9	59.0	63.2	65.9	67.4	70.1	71.1	71.2	72.9	73.3	73.3	74.1	74.2	75.3	76.3
GE 3500	39.0	56.2	60.4	64.7	67.4	69.0	72.0	73.0	73.1	74.8	75.2	75.2	76.0	76.1	77.2	78.2
GE 3000	40.7	58.7	63.0	67.3	70.1	71.8	74.8	75.8	75.9	77.6	78.0	78.0	78.8	78.9	80.0	81.0
GE 2500	41.9	60.6	65.1	69.9	72.7	74.4	77.6	78.6	78.7	80.3	80.8	80.8	81.6	81.7	82.8	83.8
GE 2000	42.1	60.9	65.6	70.6	73.4	75.3	78.4	79.4	79.6	81.2	81.7	81.7	82.4	82.6	83.7	84.7
GE 1800	42.2	61.2	65.9	70.9	73.8	75.7	78.8	79.8	79.9	81.6	82.0	82.0	82.8	82.9	84.0	85.0
GE 1500	43.0	62.3	67.1	72.1	75.1	77.1	80.2	81.2	81.3	83.0	83.4	83.4	84.2	84.3	85.4	86.4
GE 1200	43.2	62.7	67.8	73.2	76.3	78.3	81.4	82.4	82.6	84.2	84.7	84.7	85.4	85.6	86.7	87.7
GE 1000	43.4	63.7	69.2	74.7	78.1	80.2	83.3	84.4	84.6	86.2	86.7	86.7	87.4	87.6	88.7	89.7
GE 900	43.4	63.9	69.7	75.2	78.8	80.9	84.1	85.2	85.3	87.0	87.4	87.4	88.2	88.3	89.4	90.4
GE 800	43.9	64.3	70.2	75.8	79.3	81.6	84.8	85.9	86.0	87.7	88.1	88.1	88.9	89.0	90.1	91.1
GE 700	43.9	65.0	71.3	77.1	80.8	83.0	86.2	87.3	87.4	89.1	89.7	89.7	90.4	90.6	91.8	92.8
GE 600	44.0	65.2	71.8	77.6	81.2	83.4	86.8	88.2	88.3	90.0	90.6	90.6	91.3	91.4	92.7	93.7
GE 500	44.0	65.3	72.0	77.9	81.9	84.3	87.9	89.7	89.8	91.8	92.3	92.3	93.1	93.2	94.4	95.4
GE 400	44.0	65.4	72.2	78.3	82.3	85.4	89.2	91.3	91.4	93.6	94.2	94.2	95.0	95.1	96.3	97.3
GE 300	44.0	65.4	72.2	78.3	82.3	85.6	89.3	91.6	91.7	94.1	94.8	94.8	95.6	95.7	96.9	98.0
GE 200	44.0	65.4	72.2	78.3	82.3	85.6	89.3	91.7	91.8	94.3	95.1	95.1	96.0	96.1	97.3	98.4
GE 100	44.0	65.4	72.2	78.3	82.3	85.6	89.3	91.7	91.8	94.3	95.1	95.1	96.2	96.3	98.0	99.1
GE 0	44.0	65.4	72.2	78.3	82.3	85.6	89.3	91.7	91.8	94.3	95.1	95.1	96.2	96.3	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87

MONTH: SEP HOURS(IST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	35.2	54.4	56.1	57.1	57.6	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 20000	37.8	58.3	60.3	61.3	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 18000	37.9	58.4	60.4	61.4	62.0	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 16000	37.9	58.4	60.4	61.4	62.0	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 14000	37.9	58.4	60.4	61.4	62.0	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 12000	38.9	59.7	61.7	62.7	63.2	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 10000	40.2	61.9	64.1	65.2	66.0	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 9000	40.2	62.0	64.3	65.4	66.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 8000	40.6	63.4	65.8	67.0	68.0	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 7000	41.1	64.2	66.9	68.1	69.1	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 6000	41.2	64.3	67.0	68.2	69.2	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 5000	41.6	65.0	67.7	68.9	69.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 4500	41.9	65.6	68.2	69.4	70.6	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 4000	42.9	66.8	69.7	70.9	72.2	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 3500	43.3	67.6	70.4	71.7	73.1	73.6	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 3000	45.9	71.1	74.0	75.4	77.0	77.4	77.4	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 2500	47.3	74.0	77.1	78.7	80.2	80.8	80.8	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 2000	48.4	76.2	79.4	81.0	82.7	83.2	83.2	83.4	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 1800	49.0	77.4	80.7	82.3	84.0	84.6	84.6	84.8	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 1500	49.8	80.2	83.9	85.6	87.3	87.9	87.9	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1200	50.0	81.3	85.0	86.8	88.6	89.1	89.1	89.3	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 1000	50.4	82.7	86.8	88.8	90.6	91.2	91.2	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 900	50.7	83.4	87.8	89.9	91.8	92.4	92.4	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 800	50.8	84.0	88.3	90.4	92.3	93.0	93.0	93.3	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 700	50.8	84.9	89.3	91.8	93.8	94.6	94.6	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 600	50.8	85.2	89.8	92.2	94.2	95.2	95.2	95.4	95.4	95.9	95.9	96.2	96.2	96.2	96.2	96.2
GE 500	50.9	85.4	90.0	92.7	94.9	96.1	96.6	97.4	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 400	50.9	85.4	90.0	93.0	95.6	96.9	97.3	98.4	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 300	50.9	85.4	90.1	93.2	95.8	97.1	97.6	98.8	98.8	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	50.9	85.4	90.1	93.2	95.8	97.1	97.6	98.8	98.8	99.7	99.7	99.7	99.9	99.9	99.9	99.9
GE 100	50.9	85.4	90.1	93.2	95.8	97.1	97.6	98.8	98.8	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 0	50.9	85.4	90.1	93.2	95.8	97.1	97.6	98.8	98.8	99.7	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: SEP HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	37.6	53.4	55.0	55.4	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 20000	42.3	60.0	61.8	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 18000	42.4	60.1	61.9	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 16000	42.4	60.1	61.9	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 14000	42.4	60.2	62.0	62.4	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 12000	42.9	60.9	62.8	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 10000	43.7	62.3	64.3	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 9000	43.7	62.7	64.7	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 8000	43.9	63.9	65.9	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 7000	44.3	64.9	67.0	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 6000	44.3	64.9	67.0	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 5000	45.0	66.8	68.9	69.3	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 4500	45.3	67.3	69.4	69.9	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 4000	47.3	70.1	72.7	73.2	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 3500	49.0	72.1	74.7	75.2	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 3000	50.9	75.7	78.3	79.1	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 2500	53.6	80.2	83.2	84.1	84.7	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 2000	54.7	83.3	86.4	87.4	88.2	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1800	55.4	84.7	87.8	88.9	89.7	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 1500	56.3	85.8	89.0	90.1	91.1	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 1200	56.7	86.8	90.1	91.2	92.2	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1000	57.0	88.8	92.1	93.2	94.3	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 900	57.1	89.2	92.7	93.8	94.9	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 800	57.2	90.0	93.7	94.8	95.9	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 700	57.3	90.6	94.2	95.6	96.7	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 600	57.3	90.9	94.7	96.0	97.3	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 500	57.3	90.9	94.8	96.2	97.7	98.2	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	57.3	91.0	94.9	96.3	97.8	98.4	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 300	57.3	91.0	94.9	96.4	98.0	98.8	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	57.3	91.0	94.9	96.4	98.0	98.8	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	57.3	91.0	94.9	96.4	98.0	98.8	99.1	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	57.3	91.0	94.9	96.4	98.0	98.8	99.1	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: SEP HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	42.1	56.8	58.4	59.4	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 20000	45.8	62.2	64.2	65.4	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 18000	45.8	62.2	64.2	65.4	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 16000	45.8	62.2	64.2	65.4	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 14000	45.8	62.2	64.2	65.4	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 12000	46.4	63.3	65.3	66.6	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 10000	47.6	65.1	67.2	68.4	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 9000	48.4	66.4	68.7	69.9	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 8000	49.9	69.0	71.6	72.8	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 7000	50.6	70.1	72.7	73.9	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 6000	51.0	70.6	73.1	74.3	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 5000	52.3	73.0	75.6	76.8	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 4500	53.4	74.6	77.2	78.4	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 4000	54.4	76.4	79.1	80.3	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 3500	55.2	78.0	80.7	81.9	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 3000	56.0	80.4	83.1	84.6	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 2500	56.7	81.9	84.8	86.4	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 2000	58.3	84.2	87.3	89.1	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 1800	59.0	85.3	88.6	90.4	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1500	59.6	86.6	89.8	91.8	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 1200	60.1	87.7	91.0	93.3	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1000	60.2	88.4	91.8	94.3	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 900	60.2	88.9	92.2	94.9	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 800	60.4	89.7	93.0	95.7	96.3	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 700	60.4	90.0	93.3	96.1	96.9	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 600	60.4	90.1	93.4	96.3	97.2	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 500	60.4	90.1	93.7	96.8	98.1	98.4	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	60.4	90.1	93.7	96.8	98.1	98.7	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	60.4	90.1	93.8	97.0	98.3	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	60.4	90.1	93.8	97.0	98.3	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	60.4	90.1	93.8	97.0	98.3	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	60.4	90.1	93.8	97.0	98.3	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: SEP HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	45.2	56.1	58.0	59.3	59.7	59.9	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 20000	48.6	61.6	64.1	65.7	66.0	66.2	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 18000	48.8	61.8	64.3	65.9	66.2	66.4	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 16000	48.8	61.8	64.3	65.9	66.2	66.4	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 14000	49.1	62.2	64.8	66.3	66.7	66.9	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 12000	49.8	63.4	66.0	67.9	68.2	68.4	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 10000	51.2	65.1	67.7	70.1	70.4	70.7	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 9000	51.8	65.8	68.3	70.8	71.1	71.3	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 8000	53.8	68.2	71.0	73.6	73.9	74.1	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 7000	54.8	69.8	72.6	75.1	75.4	75.7	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 6000	55.3	70.4	73.2	75.8	76.1	76.3	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 5000	56.0	71.7	74.4	77.0	77.3	77.6	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 4500	57.3	74.2	77.0	79.6	79.9	80.1	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 4000	58.2	75.9	78.7	81.2	81.6	81.8	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 3500	59.2	77.1	80.1	82.8	83.1	83.3	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 3000	59.7	78.3	81.4	84.2	84.6	84.8	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 2500	60.8	79.6	83.0	86.0	86.3	86.6	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 2000	62.0	81.1	84.8	88.0	88.3	88.6	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 1800	62.2	81.3	85.0	88.3	88.7	88.9	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1500	62.7	82.6	86.3	89.7	90.0	90.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1200	63.0	83.2	87.1	90.4	90.8	91.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1000	63.1	83.8	87.8	91.2	91.6	92.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 900	63.1	84.2	88.2	91.7	92.0	92.4	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 800	63.4	84.6	88.8	92.3	92.8	93.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 700	63.8	85.4	89.8	93.6	94.0	94.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 600	63.9	85.7	90.0	93.9	94.7	95.3	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 500	64.1	86.4	90.8	94.9	95.8	96.4	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 400	64.1	86.4	90.8	95.0	95.9	96.9	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 300	64.1	86.4	90.8	95.0	95.9	97.0	98.6	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 200	64.1	86.4	90.8	95.0	95.9	97.0	98.6	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	64.1	86.4	90.8	95.0	95.9	97.0	98.6	99.4	99.4	99.8	99.8	99.8	99.8	99.8	100.0	100.0
GE 0	64.1	86.4	90.8	95.0	95.9	97.0	98.6	99.4	99.4	99.8	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: SEP HOURS(IST): 2100-2300

CEILING		VISIBILITY IN STATUTE MILES															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FLEET	1	10	6	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4
0																	
NO CEIL	48.3	55.9	57.9	59.3	59.8	59.8	60.4	60.7	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.1	61.1
GE 20000	52.6	62.3	64.8	66.3	67.0	67.0	67.7	67.9	68.0	68.1	68.2	68.2	68.2	68.2	68.2	68.3	68.3
GE 18000	52.7	62.4	64.9	66.4	67.1	67.1	67.8	68.0	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.4	68.4
GE 16000	52.7	62.4	64.9	66.4	67.1	67.1	67.8	68.0	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.4	68.4
GE 14000	52.7	62.4	64.9	66.4	67.1	67.1	67.8	68.0	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.4	68.4
GE 12000	53.3	63.7	66.3	68.2	68.9	68.9	69.6	69.8	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.2	70.2
GE 10000	55.2	66.3	69.0	71.0	71.8	71.8	72.4	72.7	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.1	73.1
GE 9000	56.1	67.6	70.2	72.2	73.0	73.0	73.7	73.9	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.3	74.3
GE 8000	58.1	70.1	73.0	75.0	75.8	75.8	76.4	76.7	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.1	77.1
GE 7000	59.4	71.8	74.7	76.7	77.4	77.4	78.1	78.3	78.4	78.6	78.7	78.7	78.7	78.7	78.7	78.8	78.8
GE 6000	59.6	71.9	74.8	76.8	77.6	77.6	78.2	78.4	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.9	78.9
GE 5000	60.2	72.6	75.4	77.4	78.2	78.2	78.9	79.1	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.6	79.6
GE 4500	61.2	74.3	77.2	79.4	80.4	80.4	81.1	81.3	81.4	81.6	81.7	81.7	81.7	81.7	81.7	81.8	81.8
GE 4000	61.9	75.4	78.3	80.6	81.6	81.6	82.2	82.4	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.9	82.9
GE 3500	63.0	76.8	79.7	81.9	82.9	82.9	83.6	83.8	83.9	84.0	84.1	84.1	84.2	84.2	84.2	84.3	84.3
GE 3000	63.6	78.0	80.9	83.2	84.2	84.2	84.9	85.1	85.2	85.3	85.4	85.4	85.4	85.6	85.6	85.7	85.7
GE 2500	64.9	79.6	82.7	85.0	86.0	86.0	86.7	86.9	87.0	87.1	87.2	87.2	87.3	87.3	87.3	87.4	87.4
GE 2000	66.4	81.3	84.6	86.9	87.9	87.9	88.7	88.9	89.0	89.1	89.2	89.2	89.3	89.3	89.3	89.4	89.4
GE 1800	66.4	81.3	84.6	86.9	87.9	87.9	88.7	88.9	89.0	89.1	89.2	89.2	89.3	89.3	89.3	89.4	89.4
GE 1500	66.9	82.1	85.7	88.0	89.0	89.0	89.8	90.0	90.1	90.2	90.3	90.3	90.4	90.4	90.4	90.6	90.6
GE 1200	67.2	83.0	86.6	89.0	90.0	90.0	90.8	91.0	91.1	91.2	91.3	91.3	91.4	91.4	91.4	91.6	91.6
GE 1000	67.3	83.1	86.7	89.1	90.1	90.1	90.9	91.1	91.2	91.3	91.4	91.4	91.6	91.6	91.6	91.7	91.7
GE 900	67.4	83.4	87.0	89.4	90.4	90.4	91.2	91.4	91.6	91.7	91.8	91.8	91.9	91.9	91.9	92.0	92.0
GE 800	67.7	83.8	87.3	89.8	90.9	90.9	91.7	92.0	92.1	92.2	92.3	92.3	92.4	92.4	92.4	92.6	92.6
GE 700	67.9	84.3	88.2	90.9	92.0	92.0	92.8	93.1	93.2	93.4	93.6	93.6	93.7	93.7	93.7	93.8	93.8
GE 600	68.2	85.0	88.9	91.6	92.8	92.8	93.6	93.9	94.0	94.2	94.3	94.3	94.4	94.4	94.4	94.6	94.6
GE 500	68.9	85.9	89.8	92.8	94.1	94.6	95.4	96.0	96.1	96.3	96.4	96.4	96.6	96.6	96.6	96.7	96.7
GE 400	69.0	86.3	90.3	93.7	95.0	95.4	96.3	96.9	97.0	97.3	97.4	97.4	97.6	97.6	97.6	97.7	97.7
GE 300	69.1	86.4	90.4	93.8	95.1	95.6	96.8	97.4	97.6	98.2	98.3	98.3	98.4	98.4	98.4	98.6	98.6
GE 200	69.1	86.4	90.4	94.1	95.4	95.9	97.1	98.0	98.1	99.1	99.2	99.2	99.3	99.3	99.3	99.4	99.4
GE 100	69.1	86.4	90.4	94.1	95.4	95.9	97.1	98.0	98.1	99.2	99.3	99.3	99.4	99.4	99.4	99.8	99.8
GE 0	69.1	86.4	90.4	94.1	95.4	95.9	97.1	98.0	98.1	99.2	99.3	99.3	99.4	99.4	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: SEP HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	39.6	52.3	54.4	55.8	56.6	56.9	57.4	57.6	57.6	57.9	58.0	58.0	58.2	58.2	58.4	58.6	
GE 20000	42.9	57.2	59.6	61.3	62.2	62.4	63.1	63.2	63.3	63.6	63.7	63.7	63.9	63.9	64.2	64.4	
GE 18000	43.0	57.3	59.7	61.4	62.3	62.6	63.2	63.3	63.4	63.7	63.8	63.8	64.0	64.0	64.3	64.5	
GE 16000	43.0	57.3	59.7	61.4	62.3	62.6	63.2	63.3	63.4	63.7	63.8	63.8	64.0	64.0	64.3	64.5	
GE 14000	43.0	57.4	59.8	61.5	62.4	62.6	63.2	63.4	63.5	63.8	63.9	63.9	64.1	64.1	64.4	64.6	
GE 12000	43.8	58.5	61.0	62.8	63.7	63.9	64.5	64.7	64.8	65.1	65.2	65.2	65.4	65.4	65.7	65.9	
GE 10000	45.0	60.4	62.9	64.8	65.8	66.1	66.8	67.0	67.0	67.3	67.4	67.4	67.7	67.7	67.9	68.2	
GE 9000	45.3	61.0	63.7	65.6	66.6	66.9	67.5	67.7	67.8	68.1	68.2	68.2	68.4	68.4	68.7	69.0	
GE 8000	46.6	63.2	65.9	67.9	69.2	69.4	70.2	70.4	70.4	70.7	70.8	70.8	71.1	71.1	71.4	71.6	
GE 7000	47.7	64.6	67.4	69.5	70.7	71.0	71.7	71.9	71.9	72.2	72.4	72.4	72.6	72.6	72.9	73.2	
GE 6000	47.9	64.9	67.7	69.7	70.9	71.2	71.9	72.1	72.2	72.5	72.6	72.6	72.8	72.8	73.1	73.4	
GE 5000	48.9	66.4	69.2	71.3	72.5	72.8	73.5	73.7	73.8	74.1	74.2	74.2	74.4	74.4	74.7	75.0	
GE 4500	49.7	67.8	70.6	72.7	74.0	74.3	75.1	75.3	75.3	75.6	75.8	75.8	76.0	76.0	76.3	76.5	
GE 4000	50.7	69.2	72.2	74.3	75.7	76.0	76.7	76.9	77.0	77.3	77.4	77.4	77.6	77.6	77.9	78.2	
GE 3500	51.7	70.5	73.5	75.7	77.1	77.4	78.2	78.5	78.5	78.8	78.9	78.9	79.2	79.2	79.5	79.8	
GE 3000	53.0	72.7	75.8	78.1	79.6	79.9	80.7	81.0	81.0	81.3	81.5	81.5	81.7	81.7	82.0	82.3	
GE 2500	54.4	74.9	78.2	80.7	82.2	82.6	83.4	83.6	83.7	84.0	84.1	84.1	84.3	84.3	84.7	84.9	
GE 2000	55.6	76.7	80.2	82.7	84.3	84.7	85.5	85.8	85.8	86.2	86.3	86.3	86.5	86.5	86.8	87.1	
GE 1800	55.9	77.4	80.8	83.5	85.0	85.4	86.3	86.5	86.6	86.9	87.0	87.0	87.3	87.3	87.6	87.8	
GE 1500	56.5	78.6	82.2	84.9	86.5	86.9	87.8	88.0	88.1	88.4	88.5	88.5	88.8	88.8	89.1	89.4	
GE 1200	56.9	79.4	83.1	85.9	87.6	88.1	88.9	89.2	89.3	89.6	89.7	89.7	89.9	89.9	90.3	90.5	
GE 1000	57.2	80.4	84.2	87.1	88.9	89.4	90.3	90.6	90.6	91.0	91.1	91.1	91.3	91.3	91.7	91.9	
GE 900	57.3	80.8	84.7	87.7	89.5	90.0	90.9	91.2	91.3	91.6	91.8	91.8	92.0	92.0	92.3	92.6	
GE 800	57.5	81.3	85.3	88.3	90.1	90.7	91.6	92.0	92.0	92.4	92.5	92.5	92.8	92.8	93.1	93.4	
GE 700	57.6	82.0	86.2	89.3	91.3	91.9	92.9	93.3	93.3	93.7	93.8	93.8	94.1	94.1	94.4	94.7	
GE 600	57.7	82.3	86.6	89.8	91.9	92.5	93.5	94.0	94.0	94.4	94.5	94.5	94.8	94.8	95.1	95.4	
GE 500	57.9	82.8	87.1	90.5	92.8	93.6	94.7	95.4	95.5	95.9	96.1	96.1	96.3	96.3	96.7	97.0	
GE 400	57.9	83.0	87.5	91.1	93.4	94.3	95.6	96.4	96.5	97.0	97.1	97.1	97.4	97.4	97.8	98.0	
GE 300	57.9	83.1	87.6	91.3	93.6	94.6	96.0	96.9	97.0	97.7	97.9	97.9	98.1	98.1	98.5	98.8	
GE 200	57.9	83.1	87.7	91.4	93.7	94.8	96.1	97.2	97.3	98.1	98.3	98.3	98.6	98.6	99.0	99.3	
GE 100	57.9	83.1	87.7	91.4	93.7	94.8	96.1	97.2	97.3	98.2	98.4	98.4	98.8	98.8	99.3	99.6	
GE 0	57.9	83.1	87.7	91.4	93.7	94.8	96.1	97.3	97.3	98.2	98.4	98.4	98.8	98.8	99.4	100.0	

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: OCT HOURS(LST): 0000-0200

CEILING		VISIBILITY IN STATUTE MILES															
IN FLEET	1	GE 10	GE 6	GE 5	GE 4	GE 3	2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	1	45.2	51.2	51.8	52.6	53.1	53.1	53.1	53.3	53.3	53.4	53.8	53.8	54.0	54.0	54.5	55.6
GE 20000		47.2	54.0	54.7	55.6	56.1	56.1	56.1	56.3	56.3	56.6	56.9	56.9	57.1	57.1	57.6	58.7
GE 18000		47.2	54.0	54.7	55.6	56.1	56.1	56.1	56.3	56.3	56.6	56.9	56.9	57.1	57.1	57.6	58.7
GE 16000		47.2	54.0	54.7	55.6	56.1	56.1	56.1	56.3	56.3	56.6	56.9	56.9	57.1	57.1	57.6	58.7
GE 14000		47.3	54.1	54.8	55.7	56.2	56.2	56.2	56.5	56.5	56.7	57.0	57.0	57.2	57.2	57.7	58.8
GE 12000		48.0	54.7	55.5	56.3	57.0	57.0	57.1	57.4	57.4	57.7	58.1	58.1	58.3	58.3	58.8	59.9
GE 10000		51.4	58.7	59.5	60.4	61.1	61.1	61.2	61.5	61.5	61.8	62.2	62.2	62.4	62.4	62.9	64.0
GE 9000		52.2	59.7	60.4	61.4	62.0	62.0	62.2	62.5	62.5	62.8	63.1	63.1	63.3	63.3	63.9	64.9
GE 8000		53.5	61.8	62.6	63.5	64.2	64.2	64.3	64.6	64.6	64.9	65.3	65.3	65.5	65.5	66.0	67.1
GE 7000		55.6	64.3	65.1	66.0	66.7	66.7	66.8	67.1	67.1	67.4	67.7	67.7	68.0	68.0	68.5	69.6
GE 6000		56.2	65.3	66.1	67.1	67.7	67.7	67.8	68.2	68.2	68.5	68.8	68.8	69.0	69.0	69.6	70.6
GE 5000		59.2	68.7	69.7	70.6	71.3	71.3	71.4	71.7	71.7	72.0	72.4	72.4	72.7	72.7	73.2	74.3
GE 4500		61.2	71.2	72.2	73.2	73.9	73.9	74.0	74.3	74.3	74.6	74.9	74.9	75.3	75.3	75.8	76.9
GE 4000		62.5	73.3	74.3	75.4	76.1	76.1	76.2	76.6	76.6	76.9	77.2	77.2	77.5	77.5	78.1	79.1
GE 3500		63.0	74.2	75.2	76.2	77.0	77.0	77.1	77.4	77.4	77.7	78.1	78.1	78.4	78.4	78.9	80.0
GE 3000		64.4	75.9	76.9	78.1	78.8	78.8	78.9	79.2	79.2	79.6	79.9	79.9	80.2	80.2	80.8	81.8
GE 2500		66.3	78.3	79.2	80.4	81.3	81.3	81.4	81.7	81.7	82.0	82.4	82.4	82.7	82.7	83.2	84.3
GE 2000		68.4	80.8	81.7	82.9	83.9	83.9	84.0	84.5	84.5	84.8	85.2	85.2	85.5	85.5	86.1	87.2
GE 1800		69.0	81.5	82.6	83.8	84.7	84.7	84.8	85.4	85.4	85.7	86.0	86.0	86.3	86.3	87.0	88.1
GE 1500		69.8	82.5	83.7	84.8	85.8	85.8	85.9	86.5	86.5	86.8	87.1	87.1	87.4	87.4	88.1	89.1
GE 1200		69.9	82.8	84.0	85.2	86.1	86.3	86.5	87.0	87.0	87.3	87.6	87.6	88.0	88.0	88.6	89.7
GE 1000		70.2	83.1	84.3	85.5	86.5	86.7	86.8	87.3	87.3	87.6	88.0	88.0	88.3	88.3	88.9	90.0
GE 900		70.2	83.2	84.4	85.7	86.7	86.9	87.0	87.5	87.5	87.8	88.2	88.2	88.5	88.5	89.1	90.2
GE 800		70.3	83.4	84.6	85.9	87.0	87.2	87.4	88.0	88.0	88.3	88.6	88.6	88.9	88.9	89.6	90.6
GE 700		70.6	84.1	85.4	86.7	87.8	88.1	88.4	88.9	88.9	89.2	89.6	89.6	89.9	89.9	90.5	91.6
GE 600		70.6	84.1	85.6	86.9	88.1	88.3	88.6	89.1	89.1	89.5	89.8	89.8	90.1	90.1	90.8	91.8
GE 500		70.6	84.6	86.3	87.8	89.1	89.4	89.7	90.2	90.2	90.5	90.9	90.9	91.3	91.3	91.9	93.0
GE 400		70.6	85.2	87.0	88.7	90.3	90.5	90.9	91.4	91.4	91.7	92.0	92.0	92.5	92.5	93.1	94.2
GE 300		70.6	85.2	87.1	88.8	90.4	90.6	91.6	92.3	92.3	92.6	92.9	92.9	93.3	93.3	94.0	95.1
GE 200		70.6	85.2	87.1	89.0	91.1	91.3	92.6	93.3	93.4	93.8	94.3	94.3	94.9	94.9	95.6	96.7
GE 100		70.6	85.2	87.1	89.0	91.1	91.3	92.7	93.4	93.5	94.2	95.1	95.1	96.2	96.2	97.1	98.2
GE 0		70.6	85.2	87.1	89.0	91.1	91.3	92.7	93.4	93.5	94.2	95.1	95.1	96.3	96.3	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: OCT HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	42.4	48.1	48.7	50.8	51.5	51.7	52.0	52.2	52.2	52.5	52.6	52.6	53.1	53.1	53.9	54.6
GE 20000	44.5	50.6	51.4	53.8	54.5	54.7	55.2	55.3	55.3	55.7	55.8	55.8	56.3	56.3	57.1	58.2
GE 18000	44.5	50.6	51.4	53.8	54.5	54.7	55.2	55.3	55.3	55.7	55.8	55.8	56.3	56.3	57.1	58.2
GE 16000	44.5	50.6	51.4	53.8	54.5	54.7	55.2	55.3	55.3	55.7	55.8	55.8	56.3	56.3	57.1	58.2
GE 14000	44.6	50.8	51.5	53.9	54.6	54.8	55.3	55.4	55.4	55.8	55.9	55.9	56.5	56.5	57.2	58.3
GE 12000	45.6	51.8	52.6	54.9	55.7	55.9	56.3	56.5	56.5	57.0	57.1	57.1	57.6	57.6	58.4	59.5
GE 10000	47.6	54.2	54.9	57.3	58.1	58.3	58.7	58.9	58.9	59.5	59.6	59.6	60.1	60.1	60.9	61.9
GE 9000	48.8	55.5	56.3	58.7	59.5	59.7	60.1	60.3	60.3	60.9	61.0	61.0	61.5	61.5	62.3	63.3
GE 8000	50.2	57.4	58.6	61.1	61.8	62.0	62.6	62.8	62.8	63.3	63.4	63.4	64.0	64.0	64.7	65.8
GE 7000	51.7	59.0	60.3	62.8	63.5	63.8	64.3	64.5	64.5	65.1	65.2	65.2	65.7	65.7	66.5	67.5
GE 6000	52.0	60.0	61.3	63.9	64.6	64.8	65.4	65.6	65.6	66.1	66.2	66.2	66.8	66.8	67.5	68.6
GE 5000	54.3	62.8	64.2	67.0	68.0	68.2	68.7	68.9	68.9	69.5	69.6	69.6	70.4	70.4	71.2	72.3
GE 4500	56.8	65.7	67.1	69.9	70.9	71.1	71.6	71.8	71.8	72.4	72.5	72.5	73.3	73.3	74.1	75.2
GE 4000	57.5	67.0	68.4	71.3	72.4	72.6	73.1	73.3	73.3	73.9	74.0	74.0	74.8	74.8	75.6	76.7
GE 3500	58.1	67.7	69.1	72.0	73.2	73.4	74.0	74.2	74.2	74.7	74.8	74.8	75.7	75.7	76.5	77.5
GE 3000	59.6	69.8	71.3	74.3	75.5	75.7	76.2	76.5	76.5	77.0	77.1	77.1	78.0	78.0	78.8	79.7
GE 2500	62.8	73.2	74.7	77.7	78.9	79.2	79.8	80.0	80.0	80.5	80.6	80.6	81.5	81.5	82.4	83.4
GE 2000	63.9	75.1	76.6	79.6	80.8	81.1	81.6	81.8	81.8	82.4	82.5	82.5	83.3	83.3	84.3	85.4
GE 1800	64.2	75.7	77.2	80.2	81.4	81.7	82.4	82.6	82.6	83.1	83.2	83.2	84.1	84.1	85.1	86.1
GE 1500	64.8	76.5	78.0	81.0	82.2	82.5	83.1	83.3	83.3	83.9	84.0	84.0	84.8	84.8	85.8	86.9
GE 1200	65.4	77.2	78.7	81.7	83.0	83.3	84.0	84.2	84.2	84.7	84.8	84.8	85.7	85.7	86.7	87.7
GE 1000	65.6	77.5	79.0	82.0	83.7	84.0	84.6	84.8	84.8	85.4	85.5	85.5	86.3	86.3	87.3	88.4
GE 900	65.9	77.8	79.6	82.6	84.3	84.6	85.3	85.5	85.5	86.0	86.1	86.1	87.0	87.0	88.0	89.1
GE 800	66.2	78.2	80.0	83.0	84.7	85.1	85.7	85.9	85.9	86.5	86.6	86.6	87.4	87.4	88.4	89.6
GE 700	66.5	78.4	80.3	83.3	85.1	85.4	86.0	86.2	86.2	86.9	87.0	87.0	87.8	87.8	88.8	90.0
GE 600	67.0	79.2	81.2	84.3	86.2	86.6	87.2	87.4	87.4	88.1	88.2	88.2	89.0	89.0	90.0	91.2
GE 500	67.3	79.6	81.5	84.7	86.7	87.0	87.6	87.8	87.8	88.5	88.6	88.6	89.5	89.5	90.4	91.6
GE 400	67.3	79.9	81.8	85.6	87.5	88.0	88.7	89.1	89.1	89.8	89.9	89.9	90.8	90.8	91.7	92.9
GE 300	67.3	80.2	82.4	86.1	88.1	88.5	89.6	90.2	90.2	91.3	91.4	91.4	92.3	92.3	93.3	94.5
GE 200	67.3	80.2	82.4	86.2	88.4	88.8	90.2	91.0	91.0	92.5	92.6	92.6	93.5	93.5	94.7	95.9
GE 100	67.3	80.2	82.4	86.2	88.4	88.8	90.5	91.3	91.3	92.9	93.3	93.3	94.5	94.5	96.1	97.5
GE 01	67.3	80.2	82.4	86.2	88.4	88.8	90.5	91.3	91.3	92.9	93.3	93.3	94.5	94.5	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87

MONTH: OCT HOURS(1511: 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	33.9	43.8	45.3	47.5	49.1	49.6	50.5	51.2	51.2	51.4	51.6	51.6	52.0	52.0	53.2	53.7
GE 20000	36.9	47.3	49.0	51.7	53.4	54.3	55.2	55.9	55.9	56.3	56.6	56.6	57.0	57.0	58.2	58.7
GE 18000	37.0	47.4	49.1	51.8	53.5	54.4	55.3	56.0	56.0	56.5	56.7	56.7	57.1	57.1	58.3	58.8
GE 16000	37.0	47.4	49.1	51.8	53.5	54.4	55.3	56.0	56.0	56.5	56.7	56.7	57.1	57.1	58.3	58.8
GE 14000	37.4	47.8	49.6	52.4	54.1	54.9	55.8	56.6	56.6	57.0	57.2	57.2	57.6	57.6	58.8	59.4
GE 12000	38.4	49.0	50.9	53.8	55.6	56.5	57.3	58.1	58.1	58.5	58.7	58.7	59.1	59.1	60.3	60.9
GE 10000	40.1	50.6	52.6	55.6	57.4	58.3	59.2	60.0	60.0	60.4	60.6	60.6	61.1	61.1	62.3	62.8
GE 9000	41.0	51.8	53.7	56.8	58.6	59.5	60.4	61.2	61.2	61.6	61.8	61.8	62.3	62.3	63.4	64.0
GE 8000	42.8	54.0	55.9	59.2	61.2	62.0	63.0	63.8	63.8	64.3	64.5	64.5	64.9	64.9	66.1	66.7
GE 7000	43.9	55.6	57.7	61.1	63.0	63.9	64.9	65.8	65.8	66.3	66.6	66.6	67.0	67.0	68.2	68.7
GE 6000	44.0	56.0	58.3	61.6	63.5	64.4	65.5	66.5	66.5	67.0	67.2	67.2	67.6	67.6	68.8	69.4
GE 5000	45.3	58.0	60.3	64.0	66.0	66.9	68.0	68.9	68.9	69.5	69.7	69.7	70.1	70.1	71.3	71.8
GE 4500	46.2	59.7	62.0	65.7	67.7	68.6	69.8	70.8	70.8	71.3	71.5	71.5	71.9	71.9	73.1	73.7
GE 4000	47.6	61.3	63.7	67.4	69.5	70.3	71.6	72.7	72.7	73.2	73.4	73.4	73.9	73.9	75.2	75.7
GE 3500	48.4	62.2	64.5	68.4	70.4	71.3	72.6	73.7	73.7	74.2	74.4	74.4	74.8	74.8	76.1	76.7
GE 3000	50.3	64.2	66.8	70.6	72.8	73.8	75.1	76.1	76.1	76.7	76.9	76.9	77.3	77.3	78.6	79.1
GE 2500	52.3	66.7	69.4	73.5	75.7	76.7	78.1	79.1	79.1	79.7	79.9	79.9	80.3	80.3	81.6	82.2
GE 2000	52.7	67.6	70.4	74.9	77.1	78.4	79.8	80.9	80.9	81.4	81.6	81.6	82.0	82.0	83.3	83.9
GE 1800	53.0	68.3	71.1	75.6	77.7	79.0	80.4	81.5	81.5	82.0	82.3	82.3	82.7	82.7	84.0	84.5
GE 1500	53.1	68.9	71.8	76.5	78.6	79.9	81.3	82.4	82.4	82.9	83.1	83.1	83.5	83.5	84.8	85.4
GE 1200	54.0	70.2	73.1	77.7	79.9	81.2	82.6	83.7	83.7	84.2	84.4	84.4	84.8	84.8	86.1	86.7
GE 1000	54.2	70.6	73.7	78.3	80.5	81.8	83.2	84.3	84.3	84.8	85.1	85.1	85.5	85.5	86.8	87.3
GE 900	54.3	70.9	73.9	78.6	80.9	82.2	83.5	84.6	84.6	85.2	85.4	85.4	85.8	85.8	87.1	87.6
GE 800	54.3	71.1	74.1	78.9	81.4	82.7	84.1	85.3	85.3	85.8	86.0	86.0	86.5	86.5	87.7	88.3
GE 700	54.5	71.4	74.4	79.4	82.0	83.4	84.9	86.1	86.1	86.7	87.0	87.0	87.4	87.4	88.7	89.2
GE 600	54.7	72.0	75.1	80.3	83.3	84.9	86.5	87.6	87.6	88.3	88.6	88.6	89.0	89.0	90.3	90.9
GE 500	54.7	72.2	75.4	80.8	83.9	85.5	87.2	88.5	88.5	89.1	89.5	89.5	89.9	89.9	91.2	91.8
GE 400	54.7	72.2	75.5	81.3	84.6	86.6	88.3	89.7	89.7	90.4	90.8	90.8	91.2	91.2	92.5	93.1
GE 300	54.7	72.2	75.6	81.6	85.2	87.4	89.1	90.8	90.8	91.8	92.4	92.4	92.8	92.8	94.1	94.7
GE 200	54.7	72.2	75.6	81.8	85.5	87.8	89.6	91.3	91.3	92.4	93.1	93.1	94.2	94.2	95.5	96.1
GE 100	54.7	72.2	75.6	81.8	85.5	87.8	89.6	91.3	91.3	92.4	93.3	93.3	94.6	94.6	96.6	97.2
GE 0	54.7	72.2	75.6	81.8	85.5	87.8	89.6	91.3	91.3	92.4	93.3	93.3	94.7	94.7	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87

MONTH: OCT HOURS(IST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	37.5	51.3	52.6	53.2	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.7
GE 20000	42.2	57.5	59.0	59.9	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.5
GE 18000	42.2	57.5	59.0	59.9	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.5
GE 16000	42.3	57.6	59.1	60.0	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.6
GE 14000	42.8	58.2	59.8	60.9	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.5
GE 12000	43.2	58.9	60.5	61.6	62.0	62.0	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.3
GE 10000	44.2	60.2	61.9	63.0	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.7
GE 9000	44.7	60.9	62.6	63.8	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4
GE 8000	47.5	63.9	65.6	66.8	67.3	67.3	67.3	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7
GE 7000	48.8	65.4	67.2	68.4	68.9	69.1	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5
GE 6000	49.1	65.7	67.5	68.7	69.2	69.5	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.8
GE 5000	50.4	67.6	69.5	70.6	71.2	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.7
GE 4500	51.9	69.4	71.2	72.4	72.9	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.4
GE 4000	53.9	71.6	73.5	74.7	75.3	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8
GE 3500	54.9	72.8	74.7	75.9	76.5	76.7	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.1
GE 3000	57.1	75.3	77.2	78.4	79.0	79.2	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7
GE 2500	58.6	77.6	79.8	81.1	81.7	81.9	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4
GE 2000	59.7	79.8	82.0	83.3	84.0	84.2	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6
GE 1800	60.2	80.9	83.1	84.4	85.2	85.4	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.8
GE 1500	61.1	82.9	85.2	86.6	87.4	87.7	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2
GE 1200	61.5	84.4	86.8	88.2	89.0	89.4	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9
GE 1000	61.8	85.6	88.1	89.7	90.5	90.9	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.5
GE 900	61.8	85.8	88.3	90.0	90.9	91.2	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8
GE 800	61.8	86.3	88.8	90.6	91.5	91.8	92.0	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7
GE 700	61.8	86.8	89.2	91.1	92.0	92.6	92.9	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.7
GE 600	61.8	87.0	89.6	91.6	92.6	93.2	93.9	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.6
GE 500	61.8	87.1	89.9	92.3	93.4	94.1	94.7	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.7
GE 400	61.8	87.4	90.2	92.8	94.1	94.8	95.7	96.5	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.9
GE 300	61.8	87.6	90.4	93.0	94.4	95.7	96.9	97.7	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.2
GE 200	61.8	87.7	90.6	93.2	94.7	96.0	97.3	98.2	98.2	98.2	98.8	98.9	98.9	99.0	99.0	99.0	99.1
GE 100	61.8	87.7	90.6	93.2	94.7	96.0	97.3	98.2	98.2	98.2	98.8	99.0	99.0	99.6	99.6	99.7	99.8
GE 0	61.8	87.7	90.6	93.2	94.7	96.0	97.3	98.2	98.2	98.2	98.8	99.0	99.0	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: OCT HOURS (LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	41.0	51.8	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 20000	46.2	58.6	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 18000	46.2	58.6	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 16000	46.2	58.6	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 14000	46.9	59.4	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 12000	47.4	60.5	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 10000	48.7	62.3	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 9000	49.1	62.9	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 8000	50.4	64.6	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 7000	51.2	66.1	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 6000	51.5	66.9	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 5000	53.2	69.0	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 4500	55.5	71.5	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 4000	58.8	75.1	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 3500	62.3	76.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 3000	65.7	82.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 2500	67.3	85.2	86.1	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 2000	68.5	87.3	88.3	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1800	69.9	89.7	90.6	91.1	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1500	71.0	90.9	91.9	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1200	71.3	91.9	93.0	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1000	71.3	92.5	93.5	94.3	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 900	71.3	92.5	93.5	94.3	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 800	71.3	92.5	93.8	94.6	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 700	71.4	93.2	94.5	95.4	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 600	71.4	93.5	94.9	95.8	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 500	71.4	93.5	94.9	95.8	96.5	96.7	96.7	96.7	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0
GE 400	71.4	93.7	95.1	95.9	96.8	97.0	97.6	97.7	97.7	97.7	98.1	98.2	98.2	98.2	98.2	98.2
GE 300	71.4	93.8	95.2	96.2	97.2	97.5	98.3	98.5	98.5	98.5	98.8	98.9	98.9	98.9	98.9	98.9
GE 200	71.4	93.8	95.2	96.2	97.2	97.6	98.5	98.7	98.7	98.7	99.4	99.5	99.5	99.5	99.5	99.5
GE 100	71.4	93.8	95.2	96.2	97.2	97.6	98.5	98.7	98.7	98.7	99.4	99.6	99.6	99.8	100.0	100.0
GE 0	71.4	93.8	95.2	96.2	97.2	97.6	98.5	98.7	98.7	98.7	99.4	99.6	99.6	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: OCT HOURS(LST): 1500-1700

CEILING		VISIBILITY IN STATUTE MILES																
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FET	10	6	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0	
NO CEIL	44.5	53.1	53.1	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	
GE 20000	50.0	61.1	61.1	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	
GE 18000	50.0	61.1	61.1	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	
GE 16000	50.0	61.1	61.1	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	
GE 14000	50.4	61.6	61.6	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	
GE 12000	51.5	62.8	62.8	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	
GE 10000	52.8	64.7	64.7	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	
GE 9000	54.0	65.9	65.9	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	
GE 8000	55.2	67.2	67.2	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	
GE 7000	56.2	69.2	69.5	70.0	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	
GE 6000	56.8	70.0	70.2	70.8	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	
GE 5000	58.5	72.4	72.7	73.2	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	
GE 4500	60.9	75.1	75.4	75.9	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	
GE 4000	63.2	78.2	78.6	79.4	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	
GE 3500	64.7	80.3	80.8	81.5	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	
GE 3000	67.0	82.9	83.7	84.4	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	
GE 2500	68.5	85.5	86.5	87.4	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	
GE 2000	69.5	86.9	87.8	88.8	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	
GE 1800	70.0	87.4	88.5	89.5	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	
GE 1500	70.9	88.7	89.9	91.1	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	
GE 1200	71.2	89.6	90.8	92.3	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	
GE 1000	71.4	90.5	91.7	93.5	94.3	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	
GE 900	71.4	90.8	91.9	93.8	94.5	94.8	94.9	94.9	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	
GE 800	71.5	91.5	92.7	94.6	95.4	95.7	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	
GE 700	71.5	91.6	92.8	95.1	96.0	96.3	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	
GE 600	71.5	91.7	92.9	95.2	96.1	96.6	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	
GE 500	71.5	92.2	93.3	95.7	96.7	97.1	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	
GE 400	71.5	92.2	93.3	95.9	96.9	97.3	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	
GE 300	71.6	92.4	93.5	96.2	97.2	97.6	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
GE 200	71.6	92.4	93.5	96.2	97.2	97.6	98.5	98.7	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.1	99.2	
GE 100	71.6	92.4	93.5	96.2	97.2	97.6	98.5	98.7	98.7	98.7	99.0	99.1	99.1	99.2	99.4	99.9	99.9	
GE 0	71.6	92.4	93.5	96.2	97.2	97.6	98.5	98.7	98.7	98.7	99.0	99.1	99.1	99.2	99.4	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: OCT HOURS(LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	49.2	55.9	56.5	56.7	56.7	56.8	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2
GE 20000	55.5	63.4	64.0	64.2	64.2	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.7
GE 18000	55.5	63.4	64.0	64.2	64.2	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.7
GE 16000	55.5	63.4	64.0	64.2	64.2	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.7
GE 14000	55.7	63.7	64.2	64.4	64.4	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9
GE 12000	56.7	64.8	65.4	65.6	65.6	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1
GE 10000	58.3	67.2	67.7	68.0	68.0	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.5	68.5	68.5	68.5
GE 9000	58.7	67.6	68.2	68.4	68.4	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9
GE 8000	59.9	68.8	69.4	69.6	69.6	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1
GE 7000	61.3	70.3	70.9	71.2	71.2	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7
GE 6000	61.6	70.8	71.3	71.6	71.6	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.2	72.2	72.2	72.2
GE 5000	62.6	71.9	72.5	72.9	73.0	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5
GE 4500	65.2	74.5	75.1	75.5	75.6	75.7	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3
GE 4000	66.5	76.9	77.5	78.1	78.2	78.3	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9
GE 3500	68.0	78.9	79.6	80.1	80.2	80.3	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0
GE 3000	69.8	80.9	81.5	82.0	82.3	82.4	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0
GE 2500	71.4	83.0	84.0	84.8	85.1	85.2	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8
GE 2000	72.4	84.6	85.6	86.5	86.9	87.0	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6
GE 1800	72.8	85.3	86.2	87.1	87.5	87.6	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3
GE 1500	73.3	86.6	87.5	88.4	88.8	88.9	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7
GE 1200	73.4	87.0	88.0	88.8	89.4	89.5	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2
GE 1000	73.9	87.5	88.7	89.8	90.3	90.4	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3
GE 900	73.9	87.7	88.9	90.0	90.5	90.6	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5
GE 800	74.1	88.5	89.8	90.9	91.5	91.6	92.5	92.5	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6
GE 700	74.1	88.8	90.2	91.3	91.9	92.0	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2
GE 600	74.2	89.2	90.9	91.9	92.6	92.8	93.9	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0
GE 500	74.2	90.1	91.7	93.0	93.8	94.4	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9
GE 400	74.2	90.4	92.0	93.4	94.3	94.9	96.5	96.6	96.6	96.6	96.8	96.8	96.9	96.9	96.9	96.9
GE 300	74.2	90.4	92.0	93.4	94.3	95.1	96.8	97.0	97.0	97.2	97.3	97.3	97.4	97.4	97.4	97.4
GE 200	74.2	90.4	92.0	93.4	94.3	95.2	97.2	97.5	97.5	98.2	98.4	98.4	98.5	98.5	98.5	98.5
GE 100	74.2	90.4	92.0	93.4	94.3	95.2	97.2	97.7	97.7	98.8	99.2	99.2	99.5	99.5	99.8	99.9
GE 0	74.2	90.4	92.0	93.4	94.3	95.2	97.2	97.7	97.7	98.8	99.2	99.2	99.5	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: OCT HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	49.7	54.5	55.1	55.5	55.9	55.9	56.1	56.6	56.6	56.6	56.9	56.9	57.2	57.2	57.3	57.5
GE 20000	54.3	60.3	60.9	61.5	61.9	62.0	62.4	62.8	62.8	62.8	63.1	63.1	63.4	63.4	63.5	63.8
GE 18000	54.3	60.3	60.9	61.5	61.9	62.0	62.4	62.8	62.8	62.8	63.1	63.1	63.4	63.4	63.5	63.8
GE 16000	54.3	60.3	60.9	61.5	61.9	62.0	62.4	62.8	62.8	62.8	63.1	63.1	63.4	63.4	63.5	63.8
GE 14000	54.3	60.3	60.9	61.5	61.9	62.0	62.4	62.8	62.8	62.8	63.1	63.1	63.4	63.4	63.5	63.8
GE 12000	55.3	61.3	62.0	62.7	63.1	63.2	63.5	64.0	64.0	64.0	64.3	64.3	64.6	64.6	64.7	64.9
GE 10000	57.7	64.6	65.5	66.1	66.6	66.7	67.0	67.4	67.4	67.4	67.7	67.7	68.1	68.1	68.2	68.4
GE 9000	58.6	65.6	66.5	67.1	67.5	67.6	68.0	68.4	68.4	68.4	68.7	68.7	69.0	69.0	69.1	69.4
GE 8000	59.6	66.8	67.6	68.3	68.7	68.8	69.1	69.6	69.6	69.6	69.9	69.9	70.2	70.2	70.3	70.5
GE 7000	61.5	69.4	70.2	71.0	71.4	71.5	71.8	72.3	72.3	72.3	72.6	72.6	72.9	72.9	73.0	73.2
GE 6000	62.0	70.0	70.9	71.6	72.0	72.2	72.5	72.9	72.9	72.9	73.2	73.2	73.5	73.5	73.7	73.9
GE 5000	63.1	71.4	72.3	73.0	73.4	73.5	73.9	74.3	74.3	74.3	74.6	74.6	74.9	74.9	75.1	75.3
GE 4500	64.5	72.8	73.8	74.5	75.1	75.2	75.5	75.9	75.9	75.9	76.2	76.2	76.6	76.6	76.7	76.9
GE 4000	66.2	74.7	75.7	76.5	77.0	77.1	77.4	77.8	77.8	77.8	78.2	78.2	78.6	78.6	78.7	78.9
GE 3500	67.6	76.6	77.5	78.3	78.8	78.9	79.2	79.7	79.7	79.7	80.0	80.0	80.4	80.4	80.5	80.8
GE 3000	69.0	78.2	79.2	80.1	80.9	81.0	81.3	81.7	81.7	81.7	82.0	82.0	82.5	82.5	82.6	82.8
GE 2500	70.6	80.1	81.2	82.5	83.3	83.4	83.8	84.2	84.2	84.2	84.5	84.5	84.9	84.9	85.1	85.3
GE 2000	72.4	82.5	83.5	84.8	85.7	85.8	86.1	86.6	86.6	86.6	86.9	86.9	87.3	87.3	87.4	87.6
GE 1800	72.7	83.0	84.2	85.5	86.6	86.7	87.0	87.4	87.4	87.4	87.7	87.7	88.2	88.2	88.3	88.5
GE 1500	73.2	84.1	85.4	86.7	87.7	87.8	88.3	88.7	88.7	88.7	89.0	89.0	89.5	89.5	89.6	89.8
GE 1200	73.7	84.7	86.0	87.4	88.5	88.6	89.0	89.5	89.5	89.5	89.8	89.8	90.2	90.2	90.3	90.5
GE 1000	73.8	84.9	86.2	87.7	88.8	88.9	89.4	89.8	89.8	89.8	90.1	90.1	90.5	90.5	90.6	90.9
GE 900	73.9	85.5	86.8	88.3	89.4	89.5	89.9	90.3	90.3	90.3	90.6	90.6	91.1	91.1	91.2	91.4
GE 800	73.9	85.8	87.2	88.7	89.8	89.9	90.5	91.0	91.0	91.0	91.3	91.3	91.7	91.7	91.8	92.0
GE 700	73.9	86.3	87.7	89.2	90.3	90.4	91.1	91.5	91.5	91.5	91.8	91.8	92.3	92.3	92.4	92.6
GE 600	74.0	86.9	88.3	89.9	91.0	91.1	91.9	92.4	92.4	92.4	92.7	92.7	93.1	93.1	93.2	93.4
GE 500	74.0	87.6	89.1	91.1	92.2	92.4	93.5	94.0	94.0	94.0	94.3	94.3	94.7	94.7	94.8	95.1
GE 400	74.0	87.6	89.2	91.3	92.5	92.7	94.2	94.6	94.6	94.6	94.9	94.9	95.4	95.4	95.5	95.7
GE 300	74.0	87.8	89.5	91.7	93.0	93.2	94.9	95.4	95.4	95.4	95.9	95.9	96.3	96.3	96.5	96.7
GE 200	74.0	88.0	89.6	91.8	93.1	93.4	95.5	95.9	95.9	96.2	96.6	96.6	97.1	97.1	97.3	97.5
GE 100	74.0	88.0	89.6	91.8	93.1	93.4	95.6	96.1	96.1	96.8	97.2	97.2	98.2	98.2	98.7	99.1
GE 0	74.1	88.1	89.7	91.9	93.2	93.5	95.7	96.2	96.2	96.9	97.3	97.3	98.4	98.4	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: OCT HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 1 1/2	GE 2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11	GE 12	GE 13	GE 14	GE 15
NO CEIL	42.9	51.2	51.9	52.7	53.2	53.3	53.5	53.7	53.7	53.8	53.9	53.9	54.1	54.1	54.4	54.8
GE 20000	47.1	56.6	57.4	58.4	58.9	59.1	59.3	59.5	59.5	59.7	59.8	59.8	60.0	60.0	60.3	60.7
GE 18000	47.1	56.6	57.4	58.5	58.9	59.1	59.4	59.6	59.6	59.7	59.8	59.8	60.0	60.0	60.3	60.7
GE 16000	47.1	56.6	57.4	58.5	59.0	59.1	59.4	59.6	59.6	59.7	59.8	59.8	60.0	60.0	60.3	60.7
GE 14000	47.4	57.0	57.8	58.9	59.3	59.5	59.8	60.0	60.0	60.1	60.2	60.2	60.4	60.4	60.7	61.1
GE 12000	48.3	58.0	58.8	59.9	60.4	60.6	60.9	61.1	61.1	61.3	61.4	61.4	61.6	61.6	61.9	62.3
GE 10000	50.1	60.3	61.2	62.3	62.8	63.0	63.3	63.5	63.5	63.7	63.8	63.8	64.0	64.0	64.3	64.7
GE 9000	50.9	61.2	62.1	63.3	63.8	64.0	64.2	64.5	64.5	64.6	64.7	64.7	64.9	64.9	65.3	65.6
GE 8000	52.4	63.1	64.0	65.2	65.7	65.9	66.2	66.5	66.5	66.6	66.7	66.7	66.9	66.9	67.3	67.6
GE 7000	53.8	64.9	66.0	67.2	67.7	67.9	68.2	68.5	68.5	68.7	68.8	68.8	69.0	69.0	69.3	69.7
GE 6000	54.2	65.6	66.7	67.9	68.4	68.6	68.9	69.2	69.2	69.4	69.5	69.5	69.7	69.7	70.0	70.4
GE 5000	55.8	67.7	68.9	70.2	70.8	71.0	71.3	71.5	71.5	71.7	71.8	71.8	72.1	72.1	72.4	72.8
GE 4500	57.8	70.0	71.1	72.4	73.1	73.3	73.6	73.9	73.9	74.1	74.2	74.2	74.4	74.4	74.8	75.1
GE 4000	59.5	72.3	73.4	74.8	75.5	75.7	76.0	76.3	76.3	76.5	76.6	76.6	76.9	76.9	77.2	77.6
GE 3500	60.9	73.9	75.1	76.5	77.2	77.4	77.8	78.1	78.1	78.3	78.4	78.4	78.6	78.6	79.0	79.4
GE 3000	62.9	76.3	77.6	79.0	79.7	80.0	80.3	80.6	80.6	80.8	80.9	80.9	81.2	81.2	81.5	81.9
GE 2500	64.7	78.7	80.1	81.8	82.6	82.8	83.2	83.5	83.5	83.6	83.8	83.8	84.0	84.0	84.4	84.8
GE 2000	65.9	80.6	82.0	83.7	84.6	84.9	85.2	85.5	85.5	85.7	85.8	85.8	86.1	86.1	86.5	86.9
GE 1800	66.5	81.5	82.9	84.6	85.5	85.8	86.2	86.5	86.5	86.7	86.8	86.8	87.1	87.1	87.5	87.8
GE 1500	67.2	82.6	84.2	86.0	86.9	87.2	87.6	87.9	87.9	88.1	88.2	88.2	88.5	88.5	88.9	89.2
GE 1200	67.5	83.5	85.0	86.9	87.9	88.2	88.6	88.9	88.9	89.1	89.2	89.2	89.5	89.5	89.9	90.3
GE 1000	67.8	84.0	85.7	87.6	88.7	89.0	89.5	89.8	89.8	90.0	90.1	90.1	90.4	90.4	90.7	91.1
GE 900	67.8	84.3	85.9	87.9	89.0	89.3	89.8	90.1	90.1	90.3	90.4	90.4	90.7	90.7	91.1	91.5
GE 800	67.9	84.7	86.4	88.4	89.5	89.9	90.4	90.8	90.8	91.0	91.1	91.1	91.4	91.4	91.7	92.1
GE 700	68.0	85.1	86.8	88.9	90.1	90.5	91.1	91.5	91.5	91.7	91.8	91.8	92.1	92.1	92.5	92.9
GE 600	68.2	85.5	87.3	89.5	90.8	91.2	91.9	92.3	92.3	92.5	92.6	92.6	92.9	92.9	93.3	93.7
GE 500	68.2	85.9	87.8	90.1	91.5	92.1	92.8	93.2	93.2	93.5	93.6	93.6	93.9	93.9	94.3	94.7
GE 400	68.2	86.1	88.0	90.6	92.1	92.7	93.7	94.2	94.2	94.5	94.6	94.6	94.9	94.9	95.3	95.7
GE 300	68.2	86.2	88.2	90.9	92.5	93.2	94.4	95.0	95.0	95.5	95.7	95.7	96.0	96.0	96.4	96.8
GE 200	68.2	86.2	88.3	91.0	92.7	93.5	94.9	95.6	95.6	96.3	96.5	96.5	97.0	97.0	97.4	97.8
GE 100	68.2	86.2	88.3	91.0	92.7	93.5	95.0	95.7	95.7	96.5	97.0	97.0	97.7	97.7	98.5	99.0
GE 0	68.2	86.2	88.3	91.0	92.7	93.5	95.0	95.7	95.7	96.5	97.0	97.0	97.8	97.8	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: NOV HOURS(IST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	43.9	48.1	48.3	48.8	49.0	49.0	49.8	50.1	50.1	50.4	50.4	50.4	50.8	50.8	51.1	52.0
GE 20000	46.1	50.8	51.0	51.6	52.0	52.0	52.8	53.1	53.1	53.4	53.4	53.4	53.8	53.8	54.3	55.2
GE 18000	46.1	50.8	51.0	51.6	52.0	52.0	52.8	53.1	53.1	53.4	53.4	53.4	53.8	53.8	54.3	55.2
GE 16000	46.1	50.8	51.0	51.6	52.0	52.0	52.8	53.1	53.1	53.4	53.4	53.4	53.8	53.8	54.3	55.2
GE 14000	46.7	51.3	51.7	52.2	52.7	52.7	53.4	53.8	53.8	54.1	54.1	54.1	54.4	54.4	55.0	55.9
GE 12000	47.1	51.9	52.2	52.8	53.2	53.2	54.0	54.3	54.3	54.7	54.7	54.7	55.0	55.0	55.6	56.4
GE 10000	48.8	54.0	54.3	54.9	55.3	55.3	56.1	56.4	56.4	56.8	56.8	56.8	57.1	57.1	57.7	58.6
GE 9000	49.0	54.4	54.8	55.3	55.8	55.8	56.6	56.9	56.9	57.2	57.2	57.2	57.6	57.6	58.1	59.0
GE 8000	50.6	56.7	57.0	57.6	58.0	58.0	58.8	59.1	59.1	59.4	59.4	59.4	59.8	59.8	60.3	61.2
GE 7000	51.0	57.2	57.7	58.3	58.8	58.8	59.6	59.9	59.9	60.2	60.2	60.2	60.6	60.6	61.1	62.0
GE 6000	51.9	58.2	58.7	59.6	60.0	60.0	60.8	61.1	61.1	61.4	61.4	61.4	61.8	61.8	62.3	63.2
GE 5000	53.1	59.9	60.3	61.2	61.7	61.7	62.4	62.8	62.8	63.1	63.1	63.1	63.4	63.4	64.0	64.9
GE 4500	56.2	63.7	64.1	65.0	65.4	65.4	66.2	66.6	66.6	66.9	66.9	66.9	67.2	67.2	67.8	68.7
GE 4000	57.0	64.4	65.0	65.9	66.3	66.3	67.1	67.4	67.4	67.8	67.8	67.8	68.1	68.1	68.7	69.6
GE 3500	59.0	66.4	67.0	68.1	68.6	68.6	69.3	69.7	69.7	70.0	70.0	70.0	70.3	70.3	70.9	71.8
GE 3000	60.0	68.2	69.0	70.3	70.8	71.0	71.8	72.2	72.2	72.7	72.7	72.7	73.0	73.0	73.6	74.4
GE 2500	62.1	70.7	71.6	73.0	73.6	73.8	74.6	75.0	75.0	75.4	75.4	75.4	75.8	75.8	76.3	77.2
GE 2000	64.7	74.6	75.4	77.0	77.7	77.9	78.7	79.1	79.1	79.6	79.6	79.6	79.9	79.9	80.4	81.3
GE 1800	65.1	75.2	76.1	77.7	78.4	78.7	79.4	79.9	79.9	80.3	80.3	80.3	80.7	80.7	81.2	82.1
GE 1500	65.3	76.6	77.4	79.0	79.8	80.0	80.8	81.2	81.2	81.7	81.7	81.7	82.0	82.0	82.6	83.4
GE 1200	66.7	77.9	78.8	80.3	81.2	81.4	82.3	82.8	82.8	83.2	83.2	83.2	83.6	83.6	84.1	85.0
GE 1000	67.0	79.2	80.1	81.9	82.8	83.0	83.9	84.3	84.3	84.8	84.8	84.8	85.1	85.1	85.7	86.6
GE 900	67.3	80.2	81.2	83.0	83.9	84.1	85.0	85.4	85.4	85.9	85.9	85.9	86.2	86.2	86.8	87.7
GE 800	67.6	80.7	81.7	83.6	84.4	84.7	85.7	86.1	86.1	86.6	86.6	86.6	86.9	86.9	87.4	88.3
GE 700	67.7	81.1	82.2	84.1	85.0	85.2	86.3	86.8	86.8	87.2	87.2	87.2	87.6	87.6	88.1	89.0
GE 600	67.8	81.8	82.9	85.3	86.2	86.4	87.6	88.1	88.1	88.6	88.6	88.6	88.9	88.9	89.4	90.3
GE 500	67.8	82.8	84.2	86.9	87.9	88.2	89.3	89.9	89.9	90.3	90.3	90.3	90.7	90.7	91.2	92.1
GE 400	67.9	83.1	85.0	88.2	89.2	90.1	91.4	92.1	92.1	92.6	92.6	92.6	92.9	92.9	93.4	94.3
GE 300	67.9	83.1	85.1	88.3	89.3	90.4	91.9	92.7	92.7	93.2	93.2	93.2	93.7	93.7	94.2	95.1
GE 200	67.9	83.2	85.2	88.6	89.6	90.7	92.3	93.3	93.3	94.6	94.6	94.6	95.2	95.2	95.8	96.7
GE 100	67.9	83.2	85.2	88.6	89.7	90.8	92.6	93.6	93.6	94.8	94.8	95.2	95.2	96.2	96.3	97.3
GE 0	67.9	83.2	85.2	88.6	89.7	90.8	92.6	93.6	93.6	94.8	95.2	95.2	96.2	96.3	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87

MONTH: NOV

HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	40.6	46.1	47.3	48.0	48.3	48.6	48.9	49.3	49.3	49.6	49.8	49.8	50.2	50.2	50.3	50.8	
GE 20000	43.6	49.7	50.9	51.6	52.2	52.4	52.8	53.2	53.2	53.4	53.7	53.7	54.1	54.1	54.2	54.7	
GE 18000	43.6	49.7	50.9	51.6	52.2	52.4	52.8	53.2	53.2	53.4	53.7	53.7	54.1	54.1	54.2	54.7	
GE 16000	43.6	49.7	50.9	51.6	52.2	52.4	52.8	53.2	53.2	53.4	53.7	53.7	54.1	54.1	54.2	54.7	
GE 14000	44.0	50.1	51.3	52.0	52.7	52.9	53.2	53.7	53.7	53.9	54.1	54.1	54.6	54.6	54.7	55.1	
GE 12000	44.2	50.3	51.6	52.2	52.9	53.1	53.4	53.9	53.9	54.1	54.3	54.3	54.8	54.8	54.9	55.3	
GE 10000	45.7	51.8	53.1	53.8	54.4	54.7	55.0	55.4	55.4	55.7	55.9	55.9	56.3	56.3	56.4	56.9	
GE 9000	46.1	52.2	53.6	54.2	54.9	55.1	55.4	55.9	55.9	56.1	56.3	56.3	56.8	56.8	56.9	57.3	
GE 8000	47.6	54.0	55.3	56.2	57.0	57.2	57.6	58.0	58.0	58.2	58.4	58.4	58.9	58.9	59.0	59.4	
GE 7000	47.9	54.8	56.1	57.0	57.8	58.0	58.3	58.8	58.8	59.0	59.2	59.2	59.7	59.7	59.8	60.2	
GE 6000	48.2	55.2	56.6	57.7	58.4	58.7	59.0	59.4	59.4	59.7	59.9	59.9	60.3	60.3	60.4	60.9	
GE 5000	49.7	57.6	58.9	60.0	60.8	61.0	61.3	61.8	61.8	62.0	62.2	62.2	62.7	62.7	62.8	63.2	
GE 4500	52.1	60.4	61.8	62.9	63.7	63.9	64.2	64.7	64.7	65.1	65.3	65.3	65.8	65.8	65.9	66.3	
GE 4000	53.3	62.2	63.6	64.7	65.4	65.7	66.0	66.4	66.4	66.9	67.1	67.1	67.6	67.6	67.7	68.1	
GE 3500	55.4	64.4	65.8	66.9	67.7	67.9	68.2	68.7	68.7	69.1	69.3	69.3	69.8	69.8	69.9	70.3	
GE 3000	56.3	65.4	66.9	68.0	68.8	69.0	69.3	69.8	69.8	70.2	70.4	70.4	70.9	70.9	71.0	71.4	
GE 2500	59.6	69.1	70.6	71.7	72.6	72.8	73.1	73.6	73.6	74.0	74.2	74.2	74.7	74.7	74.8	75.2	
GE 2000	61.2	72.2	73.7	74.8	75.7	75.9	76.2	76.7	76.7	77.1	77.3	77.3	77.8	77.8	77.9	78.3	
GE 1800	62.1	73.6	75.2	76.3	77.2	77.4	77.8	78.2	78.2	78.7	78.9	78.9	79.3	79.3	79.4	79.9	
GE 1500	62.8	75.0	76.7	77.8	78.7	79.0	79.3	79.8	79.8	80.2	80.4	80.4	80.9	80.9	81.0	81.4	
GE 1200	63.6	76.2	77.9	79.1	80.0	80.3	80.7	81.1	81.1	81.6	81.8	81.8	82.2	82.2	82.3	82.8	
GE 1000	64.0	77.0	78.8	80.0	81.0	81.3	82.0	82.6	82.6	83.0	83.2	83.2	83.7	83.7	83.8	84.2	
GE 900	64.1	77.2	79.0	80.2	81.2	81.6	82.6	83.1	83.1	83.6	83.9	83.9	84.3	84.3	84.4	84.9	
GE 800	64.1	77.4	79.2	80.6	81.6	81.9	83.0	83.6	83.6	84.0	84.3	84.3	84.8	84.8	84.9	85.3	
GE 700	64.6	79.1	81.0	82.7	83.7	84.0	85.2	85.8	85.8	86.2	86.6	86.6	87.0	87.0	87.1	87.6	
GE 600	64.9	80.7	82.7	84.3	85.3	85.7	86.9	87.4	87.4	87.9	88.2	88.2	88.7	88.7	88.8	89.2	
GE 500	65.1	81.2	83.3	85.1	86.4	86.8	88.3	88.9	88.9	89.3	89.7	89.7	90.1	90.1	90.2	90.7	
GE 400	65.2	81.6	83.8	86.4	87.8	88.1	89.8	90.7	90.7	91.2	91.6	91.6	92.0	92.0	92.1	92.6	
GE 300	65.3	81.9	84.2	87.2	89.3	89.7	91.3	92.2	92.2	92.8	93.1	93.1	93.7	93.7	93.8	94.2	
GE 200	65.3	82.0	84.4	87.6	89.9	90.3	92.3	93.6	93.6	94.4	95.2	95.2	96.1	96.1	96.2	97.0	
GE 100	65.3	82.0	84.4	87.6	90.0	90.4	92.4	93.7	93.7	94.6	95.4	95.4	97.0	97.0	97.7	98.8	
GE 0	65.3	82.0	84.4	87.6	90.0	90.4	92.4	93.7	93.7	94.6	95.4	95.4	97.1	97.1	97.9	100.0	

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: NOV HOURS(LST): 0600-0800

CEILING		VISIBILITY IN STATUTE MILES																	
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FLEET	1	10	6	5	4	3	2	1 1/2	2	1	1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	35.7	43.4	44.6	46.4	47.2	47.2	47.4	47.7	47.7	48.0	48.2	48.2	48.7	48.7	49.2	50.4			
GE 20000	39.0	47.7	48.8	50.8	52.2	52.2	52.6	52.8	52.8	53.1	53.3	53.3	53.8	53.8	54.4	55.8			
GE 18000	39.1	47.8	49.0	51.0	52.4	52.4	52.8	53.0	53.0	53.3	53.6	53.6	54.0	54.0	54.7	56.0			
GE 16000	39.1	47.8	49.0	51.0	52.4	52.6	52.9	53.1	53.1	53.4	53.7	53.7	54.1	54.1	54.9	56.2			
GE 14000	39.6	48.2	49.4	51.4	52.9	53.0	53.3	53.6	53.6	53.9	54.1	54.1	54.6	54.6	55.3	56.7			
GE 12000	40.0	49.0	50.2	52.2	53.8	53.9	54.2	54.4	54.4	54.8	55.0	55.0	55.4	55.4	56.2	57.6			
GE 10000	41.3	50.6	51.9	54.0	55.6	55.7	56.0	56.2	56.2	56.6	56.8	56.8	57.2	57.2	58.0	59.6			
GE 9000	42.3	51.7	53.0	55.1	56.7	56.8	57.1	57.3	57.3	57.7	57.9	57.9	58.3	58.3	59.1	60.7			
GE 8000	43.9	53.7	55.0	57.1	58.8	59.0	59.3	59.7	59.7	60.0	60.2	60.2	60.7	60.7	61.4	63.0			
GE 7000	44.0	53.9	55.2	57.4	59.1	59.3	59.7	60.0	60.0	60.3	60.6	60.6	61.0	61.0	61.8	63.3			
GE 6000	44.1	54.0	55.3	57.6	59.2	59.4	59.8	60.1	60.1	60.4	60.7	60.7	61.1	61.1	61.9	63.4			
GE 5000	45.0	55.9	57.2	59.7	61.3	61.6	61.9	62.2	62.2	62.6	62.8	62.8	63.2	63.2	64.0	65.6			
GE 4500	46.4	58.3	59.7	62.1	63.8	64.0	64.3	64.7	64.7	65.0	65.2	65.2	65.8	65.8	66.6	68.1			
GE 4000	47.4	59.8	61.2	63.7	65.3	65.6	65.9	66.2	66.2	66.6	66.8	66.8	67.3	67.3	68.1	69.7			
GE 3500	48.7	61.1	62.7	65.1	66.8	67.0	67.3	67.7	67.7	68.0	68.2	68.2	68.8	68.8	69.6	71.1			
GE 3000	49.3	61.8	63.6	66.2	67.9	68.2	68.6	68.9	68.9	69.3	69.6	69.6	70.1	70.1	70.9	72.4			
GE 2500	52.2	65.1	67.1	70.0	71.8	72.1	72.4	72.8	72.8	73.2	73.4	73.4	74.0	74.0	74.8	76.3			
GE 2000	54.1	67.7	69.8	72.9	74.7	75.0	75.3	75.7	75.7	76.2	76.4	76.4	77.0	77.0	77.8	79.3			
GE 1800	55.0	68.9	71.1	74.2	76.0	76.3	76.7	77.0	77.0	77.6	77.8	77.8	78.3	78.3	79.1	80.7			
GE 1500	56.3	70.8	73.1	76.3	78.1	78.4	78.8	79.1	79.1	79.7	79.9	79.9	80.4	80.4	81.2	82.9			
GE 1200	57.1	71.9	74.4	77.9	79.8	80.1	80.4	80.8	80.8	81.3	81.6	81.6	82.1	82.1	82.9	84.7			
GE 1000	57.3	73.0	75.8	79.3	81.2	81.6	81.9	82.2	82.2	82.8	83.0	83.0	83.6	83.6	84.3	86.1			
GE 900	57.4	73.4	76.2	79.8	81.7	82.0	82.3	82.7	82.7	83.2	83.4	83.4	84.0	84.0	84.8	86.6			
GE 800	57.4	73.8	76.8	80.3	82.2	82.6	82.9	83.2	83.2	83.8	84.0	84.0	84.6	84.6	85.3	87.1			
GE 700	57.9	74.7	77.9	81.8	83.7	84.1	84.7	85.0	85.0	85.6	85.8	85.8	86.3	86.3	87.1	88.9			
GE 600	57.9	74.7	77.9	81.9	83.8	84.4	85.0	85.3	85.3	85.9	86.1	86.1	86.7	86.7	87.4	89.2			
GE 500	58.1	75.3	78.8	83.0	85.0	85.9	87.1	87.4	87.4	88.0	88.2	88.2	88.8	88.8	89.6	91.3			
GE 400	58.3	75.7	79.4	83.8	86.2	87.2	88.7	89.1	89.1	89.8	90.0	90.0	90.6	90.6	91.3	93.1			
GE 300	58.6	75.9	79.7	84.1	87.0	88.0	89.4	89.9	89.9	90.7	91.1	91.1	91.7	91.7	92.4	94.2			
GE 200	58.6	76.0	79.9	84.6	87.9	89.0	90.8	91.4	91.4	92.6	93.4	93.4	94.1	94.2	95.0	96.8			
GE 100	58.6	76.0	79.9	84.6	87.9	89.0	90.8	91.4	91.4	92.9	94.1	94.1	95.0	95.1	96.1	98.3			
GE 01	58.6	76.0	79.9	84.6	87.9	89.0	90.8	91.4	91.4	92.9	94.1	94.1	95.0	95.1	96.2	100.0			

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: NOV HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	36.6	44.7	45.3	45.8	45.8	45.8	46.0	46.0	46.0	46.3	46.3	46.3	46.3	46.3	46.3	46.7
GE 20000	39.8	49.1	50.2	50.9	51.1	51.2	51.4	51.4	51.4	51.8	51.8	51.8	51.8	51.8	51.8	52.1
GE 18000	39.8	49.2	50.3	51.1	51.3	51.4	51.7	51.7	51.7	52.0	52.0	52.0	52.0	52.0	52.0	52.3
GE 16000	40.3	49.7	50.8	51.6	51.9	52.0	52.2	52.2	52.2	52.6	52.6	52.6	52.6	52.6	52.6	52.9
GE 14000	40.1	50.1	51.2	52.0	52.3	52.4	52.7	52.7	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.3
GE 12000	41.0	51.1	52.3	53.1	53.7	53.8	54.0	54.0	54.0	54.3	54.3	54.3	54.3	54.3	54.3	54.7
GE 10000	42.6	53.6	54.8	55.6	56.2	56.3	56.6	56.6	56.6	56.9	56.9	56.9	56.9	56.9	56.9	57.3
GE 9000	43.2	54.7	56.0	56.8	57.4	57.6	57.8	57.8	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.6
GE 8000	44.7	56.9	58.2	59.0	59.7	59.8	60.0	60.0	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.8
GE 7000	45.8	58.2	59.6	60.3	61.1	61.2	61.4	61.4	61.4	61.8	61.8	61.8	61.8	61.8	61.8	62.2
GE 6000	46.3	59.0	60.3	61.1	61.9	62.0	62.2	62.2	62.2	62.6	62.6	62.6	62.6	62.6	62.6	63.0
GE 5000	47.7	60.9	62.3	63.1	63.9	64.0	64.2	64.2	64.2	64.6	64.6	64.6	64.6	64.6	64.6	65.0
GE 4500	49.6	63.6	65.0	65.8	66.6	66.7	66.9	66.9	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.7
GE 4000	50.8	65.0	66.4	67.2	68.0	68.1	68.3	68.3	68.3	68.7	68.7	68.7	68.7	68.7	68.7	69.1
GE 3500	52.3	66.7	68.1	69.2	70.0	70.1	70.4	70.4	70.4	70.8	70.8	70.8	70.8	70.8	70.8	71.2
GE 3000	53.7	68.2	70.0	71.1	71.9	72.0	72.3	72.3	72.3	72.7	72.7	72.7	72.7	72.7	72.7	73.1
GE 2500	55.4	70.4	72.2	73.3	74.2	74.3	74.7	74.7	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.4
GE 2000	57.2	73.3	75.3	76.6	77.4	77.8	78.1	78.1	78.1	78.6	78.6	78.6	78.6	78.6	78.6	79.0
GE 1800	58.0	74.8	76.8	78.1	79.0	79.3	79.8	79.8	79.8	80.2	80.2	80.2	80.2	80.2	80.2	80.7
GE 1500	59.1	76.8	78.8	80.2	81.3	81.7	82.2	82.2	82.2	82.7	82.7	82.7	82.7	82.7	82.7	83.3
GE 1200	59.9	78.4	80.7	82.3	83.4	83.8	84.3	84.3	84.3	84.8	84.8	84.8	84.8	84.8	85.0	85.4
GE 1000	60.3	79.8	82.4	84.3	85.4	85.9	86.4	86.4	86.4	86.9	86.9	86.9	86.9	86.9	87.1	87.6
GE 900	60.7	80.4	83.2	85.2	86.3	87.0	87.6	87.6	87.6	88.0	88.0	88.0	88.0	88.0	88.2	88.7
GE 800	60.7	80.6	83.4	85.6	86.8	87.6	88.2	88.2	88.2	88.7	88.7	88.7	88.7	88.7	88.9	89.3
GE 700	60.7	81.0	84.1	86.4	87.7	88.7	89.3	89.3	89.3	89.8	89.8	89.8	89.8	89.8	90.0	90.4
GE 600	60.7	81.3	84.6	87.0	88.4	89.7	90.3	90.4	90.4	90.9	90.9	90.9	90.9	90.9	91.1	91.6
GE 500	60.7	81.6	85.0	88.1	90.0	91.4	92.4	92.7	92.7	93.1	93.1	93.1	93.1	93.1	93.3	93.8
GE 400	60.7	81.6	85.2	88.4	90.7	92.3	94.3	94.7	94.7	95.2	95.3	95.3	95.3	95.3	95.6	96.0
GE 300	60.7	81.6	85.2	88.4	90.9	92.6	94.9	95.8	95.8	96.7	96.8	96.8	96.8	96.8	97.0	97.4
GE 200	60.7	81.6	85.2	88.4	91.0	92.8	95.6	96.7	97.0	98.1	98.3	98.3	98.3	98.3	99.0	99.4
GE 100	60.7	81.6	85.2	88.4	91.0	92.8	95.6	96.7	97.0	98.1	98.3	98.3	98.3	98.3	99.2	99.9
GE 0	60.7	81.6	85.2	88.4	91.0	92.8	95.6	96.7	97.0	98.1	98.3	98.3	98.3	98.3	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: NOV HOURS(LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1 GE 10	6 GE 6	5 GE 5	4 GE 4	3 GE 3	2 1/2 GE 2 1/2	2 GE 2	1 1/2 GE 1 1/2	1 1/4 GE 1 1/4	1 GE 1	3/4 GE 3/4	5/8 GE 5/8	1/2 GE 1/2	5/16 GE 5/16	1/4 GE 1/4	0 GE 0	
NO CEIL	39.2	44.8	44.8	45.3	45.3	45.3	45.3	45.3	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	
GE 20000	45.4	52.6	52.6	53.3	53.3	53.3	53.3	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	
GE 18000	45.4	52.6	52.6	53.3	53.3	53.3	53.3	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	
GE 16000	45.7	52.8	52.8	53.6	53.6	53.6	53.6	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	
GE 14000	45.7	53.0	53.0	53.8	53.8	53.8	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	
GE 12000	47.2	54.9	54.9	55.7	55.7	55.7	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	
GE 10000	48.3	56.7	56.7	57.4	57.4	57.4	57.4	57.4	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	
GE 9000	49.1	57.6	57.6	58.3	58.3	58.3	58.3	58.3	58.3	58.8	58.8	58.8	58.8	58.8	58.8	58.8	
GE 8000	50.4	59.2	59.2	60.1	60.1	60.1	60.1	60.1	60.1	60.6	60.6	60.6	60.6	60.6	60.6	60.6	
GE 7000	51.1	60.2	60.2	61.1	61.1	61.1	61.1	61.1	61.1	61.6	61.6	61.6	61.6	61.6	61.6	61.6	
GE 6000	51.1	60.2	60.2	61.1	61.1	61.1	61.1	61.1	61.1	61.6	61.6	61.6	61.6	61.6	61.6	61.6	
GE 5000	52.7	62.4	62.4	63.3	63.3	63.3	63.3	63.3	63.3	63.8	63.8	63.8	63.8	63.8	63.8	63.8	
GE 4500	55.7	66.0	66.0	67.1	67.1	67.1	67.1	67.1	67.1	67.6	67.6	67.6	67.6	67.6	67.6	67.6	
GE 4000	58.4	69.0	69.0	70.3	70.3	70.3	70.3	70.3	70.3	70.8	70.8	70.8	70.8	70.8	70.8	70.8	
GE 3500	60.4	71.2	71.2	72.9	72.9	72.9	72.9	72.9	72.9	73.3	73.3	73.3	73.3	73.3	73.3	73.3	
GE 3000	62.7	73.9	73.9	75.8	75.8	75.8	75.8	75.8	75.8	76.2	76.2	76.2	76.2	76.2	76.2	76.2	
GE 2500	64.3	76.3	76.3	78.4	78.4	78.4	78.4	78.4	78.4	79.0	79.0	79.0	79.0	79.0	79.0	79.0	
GE 2000	66.6	79.7	79.7	81.8	81.8	81.8	81.8	81.8	81.8	82.6	82.6	82.6	82.6	82.6	82.6	82.6	
GE 1800	67.4	81.6	81.6	83.9	83.9	83.9	83.9	83.9	83.9	84.7	84.7	84.7	84.7	84.7	84.7	84.7	
GE 1500	67.8	83.1	83.1	85.6	85.6	85.6	85.6	85.6	85.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	
GE 1200	68.0	84.1	84.1	86.6	86.6	86.6	86.6	86.6	86.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	
GE 1000	68.0	85.4	85.4	88.6	88.6	88.6	88.6	88.6	88.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	
GE 900	68.0	86.1	86.1	89.8	89.8	89.8	89.8	89.8	89.8	91.3	91.3	91.3	91.3	91.3	91.3	91.3	
GE 800	68.0	86.3	86.3	90.0	90.0	90.0	90.0	90.0	90.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	
GE 700	68.0	86.8	86.8	92.1	92.1	92.1	92.1	92.1	92.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	
GE 600	68.0	87.6	87.6	93.2	93.2	93.2	93.2	93.2	93.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
GE 500	68.0	87.7	87.7	94.2	94.2	94.2	94.2	94.2	94.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	
GE 400	68.0	87.7	87.7	94.4	94.4	94.4	94.4	94.4	94.4	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
GE 300	68.0	87.7	87.7	94.4	94.4	94.4	94.4	94.4	94.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
GE 200	68.0	87.7	87.7	94.6	94.6	94.6	94.6	94.6	94.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
GE 100	68.0	87.7	87.7	94.6	94.6	94.6	94.6	94.6	94.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 0	68.0	87.7	87.7	94.6	94.6	94.6	94.6	94.6	94.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: NOV HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	41.2	46.9	47.6	48.1	48.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.6
GE 20000	46.6	54.6	55.3	55.9	55.9	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.3
GE 18000	46.6	54.6	55.3	55.9	55.9	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.3
GE 16000	46.7	54.7	55.4	56.0	56.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.4
GE 14000	47.1	55.1	55.9	56.4	56.4	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.9
GE 12000	48.7	57.2	58.0	58.7	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1
GE 10000	49.2	58.1	59.0	59.7	59.7	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.2
GE 9000	49.8	59.0	60.0	60.7	61.0	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.6
GE 8000	50.8	60.2	61.2	62.0	62.3	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0
GE 7000	52.1	61.8	62.8	63.6	63.9	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.6
GE 6000	52.3	62.1	63.1	63.9	64.2	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.9
GE 5000	54.2	64.7	65.8	66.7	67.0	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7
GE 4500	56.2	68.0	69.2	70.1	70.4	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.1
GE 4000	57.3	69.7	70.9	72.1	72.4	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1
GE 3500	59.1	72.6	73.8	75.0	75.3	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.0
GE 3000	61.9	75.8	77.0	78.4	78.9	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.6
GE 2500	64.2	78.7	79.9	81.3	81.8	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.7
GE 2000	65.7	80.9	82.1	83.6	84.1	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2
GE 1800	66.1	81.8	83.0	84.6	85.1	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2
GE 1500	66.6	82.9	84.2	85.9	86.4	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.6
GE 1200	67.0	83.8	85.2	86.9	87.4	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.6
GE 1000	67.1	84.9	85.4	88.3	89.0	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1
GE 900	67.1	85.1	86.8	88.8	89.4	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.6
GE 800	67.1	85.2	87.1	89.2	89.9	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.2
GE 700	67.1	85.7	87.8	90.2	90.9	91.8	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3
GE 600	67.1	85.8	88.1	90.7	91.7	92.7	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.4
GE 500	67.1	86.0	88.3	91.1	92.4	94.1	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.1
GE 400	67.1	86.1	88.4	91.4	92.8	94.8	95.9	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.6
GE 300	67.1	86.3	88.7	92.0	93.3	95.3	97.0	98.0	98.0	98.6	98.6	98.7	98.7	98.8	98.8	98.9	99.0
GE 200	67.1	86.3	88.7	92.1	93.4	95.4	97.1	98.1	98.2	99.0	99.3	99.3	99.3	99.6	99.6	99.7	99.8
GE 100	67.1	86.3	88.7	92.1	93.4	95.4	97.1	98.1	98.2	99.0	99.3	99.3	99.3	99.6	99.6	99.8	99.9
GE 0	67.1	86.3	88.7	92.1	93.4	95.4	97.1	98.1	98.2	99.0	99.3	99.3	99.3	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72407G STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: NOV HOURS(LST): 1800-2000

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
1	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0	
NO CEIL	42.2	46.3	46.7	47.0	47.2	47.6	47.8	47.8	47.8	47.9	48.0	48.0	48.0	48.0	48.1	48.1	
GE 20000	49.0	54.3	54.7	55.2	55.6	55.9	56.1	56.1	56.1	56.2	56.3	56.3	56.3	56.3	56.4	56.4	
GE 18000	49.1	54.4	54.8	55.3	55.7	56.0	56.2	56.2	56.2	56.3	56.4	56.4	56.4	56.4	56.4	56.6	
GE 16000	49.1	54.4	54.8	55.3	55.7	56.0	56.2	56.2	56.2	56.3	56.4	56.4	56.4	56.4	56.4	56.6	
GE 14000	49.7	55.0	55.3	55.9	56.2	56.6	56.8	56.8	56.8	56.9	57.0	57.0	57.0	57.0	57.1	57.1	
GE 12000	51.4	56.9	57.3	58.0	58.3	58.7	58.9	58.9	58.9	59.0	59.1	59.1	59.1	59.1	59.2	59.2	
GE 10000	53.0	59.0	59.4	60.4	60.8	61.1	61.3	61.3	61.3	61.4	61.6	61.6	61.6	61.6	61.7	61.7	
GE 9000	53.9	59.9	60.3	61.3	62.0	62.3	62.6	62.6	62.6	62.7	62.8	62.8	62.8	62.8	62.9	62.9	
GE 8000	54.3	60.7	61.1	62.1	62.8	63.1	63.3	63.3	63.3	63.4	63.6	63.6	63.6	63.6	63.7	63.7	
GE 7000	55.6	62.2	62.7	63.7	64.3	64.7	64.9	64.9	64.9	65.0	65.1	65.1	65.1	65.1	65.2	65.2	
GE 6000	55.7	62.3	62.8	63.9	64.6	64.9	65.1	65.1	65.1	65.2	65.3	65.3	65.3	65.3	65.4	65.4	
GE 5000	57.2	64.1	64.6	65.7	66.3	66.7	66.9	66.9	66.9	67.0	67.1	67.1	67.1	67.1	67.2	67.2	
GE 4500	59.1	66.9	67.3	68.4	69.1	69.4	69.7	69.7	69.7	69.8	69.9	69.9	69.9	69.9	70.0	70.0	
GE 4000	60.3	68.2	68.7	70.1	70.8	71.1	71.3	71.3	71.3	71.4	71.6	71.6	71.6	71.6	71.7	71.7	
GE 3500	62.0	70.0	70.4	72.0	72.7	73.0	73.2	73.2	73.2	73.3	73.4	73.4	73.4	73.4	73.6	73.6	
GE 3000	64.6	73.0	73.7	75.2	75.9	76.2	76.6	76.6	76.6	76.7	76.8	76.8	76.8	76.8	76.9	76.9	
GE 2500	66.9	76.1	76.8	78.6	79.4	79.8	80.1	80.1	80.1	80.2	80.3	80.3	80.3	80.3	80.4	80.4	
GE 2000	68.9	78.8	79.7	81.7	82.3	82.7	83.0	83.0	83.0	83.1	83.2	83.2	83.2	83.2	83.3	83.3	
GE 1800	69.0	79.2	80.1	82.2	82.9	83.2	83.6	83.6	83.6	83.7	83.8	83.8	83.8	83.8	83.9	83.9	
GE 1500	69.9	81.0	81.9	84.3	85.2	85.6	85.9	85.9	85.9	86.0	86.1	86.1	86.1	86.1	86.2	86.2	
GE 1200	70.6	81.8	82.8	85.2	86.2	86.6	86.9	86.9	86.9	87.0	87.1	87.1	87.1	87.1	87.2	87.2	
GE 1000	71.2	83.1	84.3	86.4	87.9	88.2	88.7	88.7	88.7	88.8	88.9	88.9	88.9	88.9	89.0	89.0	
GE 900	71.6	83.8	85.0	87.6	88.6	88.9	89.3	89.3	89.3	89.4	89.6	89.6	89.6	89.6	89.7	89.7	
GE 800	71.6	83.9	85.1	87.8	88.8	89.1	89.6	89.6	89.6	89.7	89.8	89.8	89.8	89.8	89.9	89.9	
GE 700	71.7	84.2	85.4	88.2	89.2	89.7	90.1	90.2	90.2	90.3	90.4	90.4	90.4	90.4	90.6	90.6	
GE 600	71.8	84.7	86.0	89.1	90.1	90.7	91.1	91.2	91.2	91.3	91.4	91.4	91.4	91.4	91.6	91.6	
GE 500	72.0	85.0	86.4	89.7	90.7	91.4	92.0	92.2	92.2	92.3	92.4	92.4	92.4	92.4	92.6	92.6	
GE 400	72.2	85.6	87.7	91.1	92.2	93.4	94.2	94.6	94.6	94.8	94.9	94.9	94.9	94.9	95.0	95.0	
GE 300	72.2	85.8	87.9	91.6	92.8	94.1	96.0	96.8	96.8	97.1	97.2	97.2	97.2	97.2	97.3	97.3	
GE 200	72.2	85.9	88.0	91.9	93.1	94.6	96.9	97.8	97.8	98.2	98.3	98.3	98.3	98.3	98.4	98.4	
GE 100	72.2	85.9	88.0	91.9	93.1	94.6	96.9	97.8	97.8	98.3	98.4	98.4	98.4	98.4	98.7	98.7	
GE 0	72.2	85.9	88.0	91.9	93.1	94.6	96.9	97.8	97.8	98.3	98.4	98.4	98.6	98.7	99.3	100.0	

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: NOV HOURS(IST): 2100-2300

CEILING IN FLEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	41.0	45.0	45.4	45.9	46.2	46.4	47.0	47.1	47.1	47.3	47.4	47.4	47.7	47.7	47.8	48.1
GE 20000	46.9	52.0	52.4	53.2	53.6	53.8	54.4	54.6	54.6	54.8	54.9	54.9	55.1	55.1	55.2	55.6
GE 18000	46.9	52.0	52.4	53.2	53.6	53.8	54.4	54.6	54.6	54.8	54.9	54.9	55.1	55.1	55.2	55.6
GE 16000	46.9	52.0	52.4	53.2	53.6	53.8	54.4	54.6	54.6	54.8	54.9	54.9	55.1	55.1	55.2	55.6
GE 14000	47.2	52.3	52.8	53.6	53.9	54.1	54.8	54.9	54.9	55.1	55.2	55.2	55.4	55.4	55.6	55.9
GE 12000	48.9	54.3	54.9	55.7	56.0	56.2	56.9	57.0	57.0	57.2	57.3	57.3	57.6	57.6	57.7	58.0
GE 10000	51.1	56.8	57.6	58.3	58.7	58.9	59.6	59.7	59.7	59.9	60.0	60.0	60.2	60.2	60.3	60.7
GE 9000	51.8	57.6	58.3	59.1	59.4	59.7	60.6	60.7	60.7	60.9	61.0	61.0	61.2	61.2	61.3	61.7
GE 8000	53.1	59.2	60.0	60.8	61.1	61.3	62.2	62.3	62.3	62.6	62.7	62.7	63.0	63.0	63.1	63.4
GE 7000	54.6	61.0	61.8	62.6	62.9	63.1	64.0	64.1	64.1	64.3	64.4	64.4	64.8	64.8	64.9	65.2
GE 6000	54.9	61.3	62.1	62.9	63.2	63.4	64.3	64.4	64.4	64.7	64.8	64.8	65.1	65.1	65.2	65.6
GE 5000	56.7	63.1	64.0	64.8	65.1	65.3	66.2	66.3	66.3	66.6	66.7	66.7	67.0	67.0	67.1	67.4
GE 4500	58.1	65.6	66.4	67.2	67.6	67.8	68.7	68.8	68.8	69.0	69.1	69.1	69.4	69.4	69.6	69.9
GE 4000	58.8	66.4	67.3	68.4	68.8	69.0	70.0	70.1	70.1	70.3	70.4	70.4	70.8	70.8	70.9	71.2
GE 3500	60.6	68.8	69.8	71.0	71.3	71.6	72.6	72.7	72.7	72.9	73.0	73.0	73.3	73.3	73.4	73.8
GE 3000	62.0	71.2	72.2	73.4	73.8	74.0	75.0	75.1	75.1	75.4	75.6	75.6	75.9	75.9	76.0	76.3
GE 2500	63.9	73.6	74.9	76.3	76.7	76.9	77.9	78.0	78.0	78.3	78.4	78.4	78.8	78.8	78.9	79.2
GE 2000	66.0	76.6	78.0	79.4	79.8	80.0	81.0	81.1	81.1	81.4	81.6	81.6	82.0	82.0	82.1	82.4
GE 1800	66.3	76.9	78.3	80.0	80.3	80.6	81.6	81.7	81.7	82.0	82.1	82.1	82.6	82.6	82.7	83.0
GE 1500	66.7	77.7	79.1	80.8	81.2	81.4	82.4	82.6	82.6	82.9	83.0	83.0	83.4	83.4	83.6	83.9
GE 1200	67.6	78.8	80.6	82.3	82.9	83.1	84.1	84.2	84.2	84.6	84.7	84.7	85.1	85.1	85.2	85.6
GE 1000	68.2	80.3	82.3	84.1	84.7	84.9	85.9	86.0	86.0	86.3	86.4	86.4	86.9	86.9	87.0	87.3
GE 900	68.7	80.9	83.1	84.9	85.4	85.7	86.7	86.8	86.8	87.1	87.2	87.2	87.7	87.7	87.8	88.1
GE 800	68.9	81.1	83.3	85.3	85.9	86.1	87.1	87.2	87.2	87.6	87.7	87.7	88.1	88.1	88.2	88.6
GE 700	68.9	81.9	84.1	86.3	86.9	87.1	88.1	88.2	88.2	88.6	88.7	88.7	89.1	89.1	89.2	89.6
GE 600	68.9	82.1	84.3	87.0	87.6	88.0	89.1	89.2	89.2	89.6	89.7	89.7	90.1	90.1	90.2	90.6
GE 500	69.0	83.1	85.4	88.1	88.8	89.2	90.4	90.6	90.6	90.9	91.0	91.0	91.4	91.4	91.6	91.9
GE 400	69.0	83.3	86.2	89.3	90.0	90.9	92.3	92.8	92.8	93.1	93.2	93.2	93.7	93.7	93.8	94.1
GE 300	69.0	83.3	86.3	89.6	90.2	91.4	93.3	94.0	94.0	94.6	94.7	94.7	95.1	95.1	95.2	95.6
GE 200	69.0	83.3	86.4	89.8	90.4	91.7	93.9	94.7	94.7	95.7	95.9	95.9	96.6	96.6	96.7	97.0
GE 100	69.0	83.3	86.4	89.8	90.7	91.9	94.4	95.2	95.2	96.4	96.7	96.7	97.4	97.6	97.9	98.2
GE 0	69.0	83.3	86.4	89.8	90.7	91.9	94.4	95.2	95.2	96.4	96.7	96.7	97.8	97.9	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: NOV HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	40.0	45.7	46.3	46.9	47.2	47.3	47.6	47.7	47.7	47.9	48.0	48.0	48.2	48.2	48.3	48.8	
GE 20000	44.5	51.3	52.0	52.8	53.2	53.4	53.7	53.8	53.8	54.1	54.1	54.1	54.3	54.3	54.5	54.9	
GE 18000	44.6	51.4	52.0	52.9	53.3	53.5	53.8	53.9	53.9	54.1	54.2	54.2	54.4	54.4	54.6	55.0	
GE 16000	44.6	51.5	52.1	53.0	53.4	53.6	53.9	54.0	54.0	54.3	54.3	54.3	54.5	54.5	54.7	55.2	
GE 14000	45.0	51.9	52.6	53.4	53.9	54.0	54.3	54.5	54.5	54.7	54.8	54.8	55.0	55.0	55.2	55.6	
GE 12000	46.1	53.2	53.9	54.8	55.3	55.4	55.8	55.9	55.9	56.1	56.2	56.2	56.4	56.4	56.6	57.0	
GE 10000	47.5	55.1	55.8	56.8	57.3	57.5	57.8	57.9	57.9	58.1	58.2	58.2	58.4	58.4	58.6	59.1	
GE 9000	48.2	55.9	56.7	57.6	58.2	58.4	58.8	58.9	58.9	59.1	59.2	59.2	59.4	59.4	59.6	60.1	
GE 8000	49.4	57.6	58.4	59.4	60.0	60.2	60.6	60.7	60.7	60.9	61.0	61.0	61.2	61.2	61.4	61.9	
GE 7000	50.3	58.7	59.5	60.5	61.2	61.4	61.7	61.9	61.9	62.1	62.2	62.2	62.4	62.4	62.6	63.0	
GE 6000	50.6	59.1	59.9	61.0	61.6	61.8	62.2	62.3	62.3	62.5	62.6	62.6	62.8	62.8	63.0	63.5	
GE 5000	52.0	61.1	61.9	63.1	63.7	63.9	64.3	64.4	64.4	64.6	64.7	64.7	64.9	64.9	65.1	65.6	
GE 4500	54.2	64.1	65.0	66.1	66.8	66.9	67.3	67.5	67.5	67.7	67.8	67.8	68.0	68.0	68.2	68.7	
GE 4000	55.4	65.6	66.6	67.8	68.5	68.7	69.0	69.2	69.2	69.4	69.5	69.5	69.7	69.7	69.9	70.4	
GE 3500	57.2	67.7	68.7	70.0	70.7	70.9	71.3	71.4	71.4	71.7	71.8	71.8	72.0	72.0	72.2	72.6	
GE 3000	58.8	69.7	70.9	72.3	73.0	73.2	73.6	73.8	73.8	74.1	74.2	74.2	74.4	74.4	74.6	75.1	
GE 2500	61.1	72.5	73.8	75.4	76.1	76.4	76.8	76.9	76.9	77.2	77.3	77.3	77.5	77.5	77.7	78.2	
GE 2000	63.0	75.5	76.8	78.5	79.3	79.6	80.0	80.2	80.2	80.5	80.5	80.5	80.8	80.8	81.0	81.4	
GE 1800	63.6	76.5	77.9	79.6	80.4	80.8	81.2	81.3	81.3	81.7	81.7	81.7	82.0	82.0	82.2	82.6	
GE 1500	64.4	78.0	79.4	81.2	82.1	82.5	82.9	83.1	83.1	83.4	83.5	83.5	83.7	83.7	83.9	84.4	
GE 1200	65.0	79.1	80.7	82.6	83.5	83.9	84.3	84.5	84.5	84.8	84.9	84.9	85.1	85.1	85.3	85.8	
GE 1000	65.4	80.3	82.1	84.2	85.1	85.5	86.1	86.2	86.2	86.5	86.6	86.6	86.8	86.8	87.1	87.6	
GE 900	65.6	80.9	82.8	84.9	85.9	86.3	86.9	87.1	87.1	87.4	87.5	87.5	87.7	87.7	87.9	88.4	
GE 800	65.7	81.1	83.1	85.3	86.4	86.8	87.5	87.6	87.6	87.9	88.0	88.0	88.3	88.3	88.5	89.0	
GE 700	65.8	81.8	83.9	86.5	87.6	88.1	88.9	89.1	89.1	89.4	89.5	89.5	89.7	89.7	89.9	90.4	
GE 600	65.9	82.3	84.6	87.3	88.5	89.2	90.0	90.2	90.2	90.6	90.7	90.7	90.9	90.9	91.1	91.6	
GE 500	66.0	82.8	85.2	88.2	89.6	90.5	91.5	91.8	91.8	92.2	92.3	92.3	92.5	92.5	92.7	93.2	
GE 400	66.1	83.1	85.8	89.1	90.7	91.8	93.1	93.6	93.6	94.0	94.1	94.1	94.4	94.4	94.6	95.1	
GE 300	66.1	83.2	85.9	89.4	91.2	92.4	94.1	94.8	94.8	95.3	95.5	95.5	95.8	95.8	96.0	96.5	
GE 200	66.1	83.3	86.1	89.7	91.5	92.8	94.7	95.6	95.6	96.5	96.9	96.9	97.3	97.3	97.6	98.1	
GE 100	66.1	83.3	86.1	89.7	91.5	92.9	94.8	95.7	95.8	96.7	97.2	97.2	97.7	97.7	98.3	99.0	
GE 0	66.1	83.3	86.1	89.7	91.5	92.9	94.8	95.7	95.8	96.7	97.2	97.2	97.8	97.9	98.6	100.0	

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: DEC HOURS(LST): 0000-0200

CEILING IN FLEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	48.0	49.1	49.5	49.6	49.6	49.9	50.0	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 20000	51.1	53.0	53.3	53.4	53.4	53.8	53.9	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 18000	51.1	53.0	53.3	53.4	53.4	53.8	53.9	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 16000	51.1	53.0	53.3	53.4	53.4	53.8	53.9	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 14000	51.2	53.1	53.4	53.5	53.5	53.9	54.0	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 12000	53.0	54.9	55.3	55.4	55.4	55.7	55.8	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 10000	55.8	58.0	58.3	58.4	58.4	58.7	58.8	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 9000	55.9	58.1	58.4	58.5	58.5	58.8	58.9	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 8000	58.6	61.2	61.6	61.7	61.7	62.0	62.2	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 7000	59.7	62.8	63.2	63.4	63.4	63.8	64.0	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 6000	60.5	63.8	64.3	64.5	64.5	64.8	65.1	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 5000	62.7	66.3	66.9	67.1	67.1	67.4	67.6	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 4500	64.9	69.0	69.6	69.9	69.9	70.2	70.4	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 4000	65.9	70.1	70.6	71.0	71.1	71.4	71.6	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 3500	68.2	72.5	73.0	73.4	73.5	73.9	74.1	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 3000	71.6	76.5	77.1	77.5	77.6	78.3	78.6	79.1	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 2500	74.3	79.8	80.4	81.1	81.2	81.8	82.2	82.8	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 2000	76.5	82.8	83.4	84.2	84.4	85.1	85.4	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 1800	76.6	83.2	83.9	84.8	85.1	85.7	86.0	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1500	77.3	84.3	84.9	85.9	86.1	86.8	87.2	87.8	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1200	77.8	84.8	85.5	86.5	86.9	87.5	88.1	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1000	78.1	85.3	86.0	87.0	87.4	88.2	88.8	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 900	78.4	85.8	86.7	87.6	88.1	88.8	89.5	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 800	78.4	85.8	86.7	87.6	88.1	88.8	89.5	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 700	79.1	86.8	87.6	88.7	89.1	89.9	90.5	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 600	79.1	86.8	87.6	88.7	89.1	90.2	90.9	91.6	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 500	79.1	87.4	88.5	89.9	90.3	91.6	92.4	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 400	79.2	87.7	88.8	90.2	90.6	92.0	92.8	93.7	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 300	79.2	88.0	89.4	91.0	91.7	93.1	93.9	94.9	95.1	95.4	95.6	95.6	95.6	95.6	95.6	95.6
GE 200	79.4	88.2	89.6	91.4	92.5	94.0	94.7	96.3	96.5	97.0	97.4	97.4	97.4	97.4	97.4	97.4
GE 100	79.4	88.2	89.6	91.4	92.5	94.0	94.7	96.5	96.6	97.6	98.1	98.1	98.1	98.1	98.1	98.1
GE 0	79.4	88.2	89.6	91.4	92.5	94.0	94.7	96.5	96.6	97.6	98.1	98.1	99.1	99.2	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87

MONTH: DEC HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	49.8	51.8	52.0	52.2	52.3	52.5	52.5	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	53.0
GE 20000	52.3	54.9	55.3	55.5	55.6	55.8	55.8	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.3
GE 18000	52.3	54.9	55.3	55.5	55.6	55.8	55.8	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.3
GE 16000	52.3	54.9	55.3	55.5	55.6	55.8	55.8	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.3
GE 14000	52.4	55.1	55.4	55.6	55.7	55.9	55.9	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.5
GE 12000	54.4	57.1	57.4	57.6	57.7	58.0	58.0	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.5
GE 10000	56.5	59.5	59.9	60.3	60.4	60.6	60.8	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.3
GE 9000	57.0	60.1	60.5	61.0	61.1	61.3	61.4	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.9
GE 8000	59.4	62.7	63.1	63.5	63.7	63.9	64.0	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.5
GE 7000	60.3	64.0	64.4	64.9	65.1	65.3	65.4	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.9
GE 6000	60.3	64.1	64.5	65.2	65.3	65.5	65.6	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.1
GE 5000	61.8	66.5	66.9	67.8	68.0	68.2	68.3	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.8
GE 4500	64.5	69.2	69.8	70.8	70.9	71.1	71.2	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.7
GE 4000	66.9	71.8	72.4	73.3	73.4	73.7	73.8	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.3
GE 3500	68.7	73.9	74.4	75.4	75.5	75.7	75.8	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.5
GE 3000	71.2	76.9	77.7	78.7	78.8	79.0	79.1	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.8
GE 2500	73.4	79.4	80.3	81.5	81.6	81.8	81.9	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.6
GE 2000	74.2	80.3	81.3	82.5	82.6	83.0	83.3	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	84.0
GE 1800	74.6	80.8	81.7	83.1	83.2	83.7	84.0	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.6
GE 1500	75.4	82.3	83.3	84.7	84.9	85.4	85.8	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.5
GE 1200	75.6	82.8	83.9	85.3	85.5	85.9	86.3	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	87.0
GE 1000	76.0	83.3	84.5	86.0	86.2	86.7	87.1	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.7
GE 900	76.6	84.0	85.2	86.7	86.9	87.3	87.7	88.2	88.2	88.3	88.3	88.3	88.4	88.4	88.4	88.5
GE 800	76.6	84.4	85.6	87.1	87.3	87.7	88.2	88.6	88.6	88.7	88.7	88.7	88.8	88.8	88.8	88.9
GE 700	77.0	85.1	86.2	87.8	88.2	88.6	89.0	89.5	89.5	89.6	89.6	89.6	89.7	89.7	89.7	89.8
GE 600	77.0	85.5	86.7	88.6	88.9	89.6	90.0	90.4	90.4	90.5	90.5	90.5	90.6	90.6	90.6	90.8
GE 500	77.2	86.3	87.8	90.4	90.9	91.7	92.3	92.7	92.7	92.8	92.8	92.8	92.9	92.9	92.9	93.0
GE 400	77.3	86.7	88.2	91.1	91.5	92.5	93.2	93.7	93.7	94.1	94.1	94.1	94.2	94.2	94.2	94.3
GE 300	77.5	87.6	89.2	92.6	93.4	94.6	95.6	96.1	96.1	96.9	96.9	96.9	97.0	97.0	97.0	97.1
GE 200	77.5	87.6	89.2	92.6	93.4	94.6	96.2	96.8	96.8	98.1	98.4	98.4	98.6	98.6	99.0	99.1
GE 100	77.5	87.6	89.2	92.7	93.5	94.7	96.5	97.0	97.0	98.4	98.7	98.7	99.0	99.0	99.6	99.7
GE 0	77.5	87.6	89.2	92.7	93.5	94.7	96.5	97.0	97.0	98.4	98.7	98.7	99.1	99.1	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87

MONTH: DEC

HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	43.1	48.4	49.0	49.5	49.7	49.8	50.1	50.2	50.2	50.5	50.5	50.5	50.5	50.5	50.5	50.6
GE 20000	46.6	52.4	53.2	53.8	54.1	54.3	54.6	54.7	54.7	55.1	55.1	55.1	55.1	55.1	55.1	55.2
GE 18000	46.6	52.4	53.2	53.8	54.1	54.3	54.6	54.7	54.7	55.1	55.1	55.1	55.1	55.1	55.1	55.2
GE 16000	46.7	52.5	53.3	53.9	54.2	54.4	54.7	54.8	54.8	55.2	55.2	55.2	55.2	55.2	55.2	55.3
GE 14000	47.3	53.2	54.1	54.6	54.9	55.2	55.5	55.6	55.6	55.9	55.9	55.9	55.9	55.9	55.9	56.0
GE 12000	48.6	54.5	55.4	56.0	56.5	56.7	57.0	57.2	57.2	57.5	57.5	57.5	57.5	57.5	57.5	57.6
GE 10000	52.2	58.6	59.6	60.2	60.9	61.1	61.4	61.6	61.6	61.9	61.9	61.9	61.9	61.9	61.9	62.0
GE 9000	52.6	59.0	60.0	60.6	61.3	61.5	61.8	62.0	62.0	62.4	62.4	62.4	62.4	62.4	62.4	62.5
GE 8000	55.7	62.3	63.3	64.0	64.8	65.1	65.4	65.6	65.6	65.9	65.9	65.9	65.9	65.9	65.9	66.0
GE 7000	56.5	63.7	64.8	65.5	66.3	66.6	66.9	67.1	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.5
GE 6000	56.9	64.4	65.7	66.6	67.4	67.6	68.0	68.2	68.2	68.5	68.5	68.5	68.5	68.5	68.5	68.6
GE 5000	58.5	66.5	67.7	68.7	69.6	69.8	70.3	70.5	70.5	70.9	70.9	70.9	70.9	70.9	70.9	71.0
GE 4500	60.3	68.8	70.5	71.5	72.4	72.6	73.2	73.4	73.4	73.9	73.9	73.9	73.9	73.9	73.9	74.0
GE 4000	61.9	70.8	72.5	73.4	74.3	74.6	75.4	75.6	75.6	76.0	76.0	76.0	76.0	76.0	76.0	76.1
GE 3500	62.9	71.9	73.8	74.8	75.7	76.0	76.9	77.1	77.1	77.5	77.5	77.5	77.5	77.5	77.5	77.6
GE 3000	65.3	74.8	76.9	78.0	78.8	79.1	80.0	80.2	80.2	80.6	80.6	80.6	80.6	80.6	80.6	80.8
GE 2500	67.1	77.2	79.2	80.4	81.3	81.6	82.5	82.7	82.7	83.1	83.1	83.1	83.1	83.1	83.1	83.2
GE 2000	67.6	78.5	80.9	82.0	83.0	83.3	84.3	84.5	84.5	84.9	84.9	84.9	84.9	84.9	84.9	85.1
GE 1800	67.6	78.9	81.4	82.6	83.5	83.9	84.8	85.1	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.6
GE 1500	68.3	79.8	82.4	83.7	84.6	84.9	85.9	86.1	86.1	86.6	86.6	86.6	86.6	86.6	86.6	86.7
GE 1200	68.8	80.5	83.1	84.4	85.4	85.7	86.7	86.9	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.4
GE 1000	69.5	81.4	84.2	85.5	86.5	86.8	87.7	88.0	88.0	88.4	88.4	88.4	88.4	88.4	88.4	88.5
GE 900	69.7	81.6	84.6	85.9	86.9	87.2	88.2	88.4	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.9
GE 800	69.7	81.8	84.9	86.2	87.2	87.5	88.5	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.2
GE 700	69.8	82.5	85.7	87.1	88.1	88.4	89.4	89.7	89.7	90.2	90.2	90.2	90.2	90.2	90.2	90.3
GE 600	70.0	83.0	86.3	88.1	89.0	89.4	90.3	90.6	90.6	91.2	91.2	91.2	91.2	91.2	91.2	91.3
GE 500	70.1	83.5	87.4	89.5	90.4	91.0	91.9	92.5	92.5	93.1	93.1	93.1	93.1	93.1	93.1	93.2
GE 400	70.5	84.2	88.4	90.9	92.3	93.0	94.3	95.1	95.1	95.8	95.8	95.8	95.8	95.8	95.8	95.9
GE 300	70.5	84.3	88.6	91.2	92.8	93.8	95.3	96.1	96.1	96.9	96.9	96.9	96.9	96.9	96.9	97.0
GE 200	70.5	84.3	88.6	91.2	92.9	94.1	95.6	96.7	96.7	97.7	98.0	98.0	98.0	98.0	98.0	98.5
GE 100	70.5	84.3	88.6	91.3	93.0	94.2	96.0	97.2	97.3	98.4	98.6	98.6	98.6	99.0	99.1	99.6
GE 0	70.5	84.3	88.6	91.3	93.0	94.2	96.0	97.2	97.3	98.4	98.6	98.6	98.6	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87

MONTH: DEC HOURS(IST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	40.5	45.2	45.0	46.2	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 20000	45.6	51.7	52.8	53.5	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 18000	45.6	51.9	53.0	53.8	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 16000	45.9	52.3	53.3	54.1	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 14000	46.0	52.4	53.4	54.2	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 12000	47.3	54.4	55.5	56.2	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 10000	51.2	58.4	59.5	60.2	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 9000	51.3	58.5	59.6	60.3	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 8000	53.2	61.4	62.8	63.5	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 7000	54.6	63.1	64.5	65.3	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 6000	54.9	63.5	65.1	65.8	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 5000	56.1	65.1	66.6	67.3	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	68.0
GE 4500	57.5	67.7	69.2	70.0	70.3	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.8
GE 4000	58.0	69.4	71.0	71.9	72.4	72.6	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	73.0
GE 3500	59.9	72.5	74.1	75.1	75.5	75.7	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.1
GE 3000	61.5	75.4	77.1	78.1	78.5	78.8	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.2
GE 2500	63.7	78.4	80.1	81.2	81.7	82.0	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.5
GE 2000	64.9	80.2	82.2	83.5	84.2	84.5	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.9
GE 1800	65.3	80.8	82.7	84.1	84.7	85.1	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.5
GE 1500	65.4	81.1	83.2	84.6	85.3	85.6	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	86.0
GE 1200	65.7	81.7	84.1	85.5	86.1	86.5	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	87.0
GE 1000	66.2	82.4	84.8	86.3	87.2	87.5	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.2
GE 900	66.2	82.8	85.4	87.0	87.8	88.2	88.7	88.7	88.7	88.9	88.9	88.9	88.9	88.9	89.0
GE 800	66.2	83.0	85.6	87.6	88.5	89.1	89.7	89.7	89.7	89.9	89.9	89.9	90.0	90.0	90.1
GE 700	66.3	83.4	86.3	88.6	89.5	90.3	91.0	91.1	91.1	91.3	91.3	91.3	91.4	91.4	91.5
GE 600	66.3	83.7	86.8	89.1	90.1	91.1	91.7	91.8	91.8	92.0	92.2	92.2	92.3	92.3	92.4
GE 500	66.5	84.0	87.3	90.0	91.1	92.2	92.8	93.1	93.1	93.3	93.5	93.5	93.7	93.7	93.8
GE 400	66.5	84.0	87.3	90.8	92.2	93.7	94.4	95.3	95.3	95.5	95.7	95.7	95.9	95.9	96.0
GE 300	66.5	84.0	87.3	90.8	92.2	93.9	94.7	95.7	95.7	96.0	96.2	96.2	96.5	96.5	96.6
GE 200	66.5	84.0	87.3	90.8	92.2	94.0	95.1	96.5	96.5	97.5	98.0	98.0	98.5	98.6	98.8
GE 100	66.5	84.0	87.3	90.8	92.2	94.0	95.3	96.9	96.9	98.0	98.4	98.4	99.2	99.4	100.0
GE 0	66.5	84.0	87.3	90.8	92.2	94.0	95.3	96.9	96.9	98.0	98.4	98.4	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: DEC HOURS (LST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	43.5	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 20000	51.0	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 18000	51.2	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 16000	51.2	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 14000	51.5	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 12000	53.1	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 10000	54.6	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 9000	54.7	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 8000	56.2	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 7000	57.6	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 6000	58.0	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 5000	58.8	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 4500	60.0	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 4000	61.4	70.5	70.9	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 3500	63.7	73.1	73.4	73.7	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 3000	66.1	75.8	76.1	76.3	76.3	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 2500	69.2	80.3	80.6	80.9	80.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 2000	70.6	82.2	82.5	82.8	82.9	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 1800	71.4	83.4	83.9	84.2	84.4	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 1500	71.9	84.6	85.2	85.5	85.7	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 1200	72.4	85.4	86.2	86.9	87.1	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1000	72.5	85.8	86.9	87.6	88.1	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 900	72.5	86.7	88.0	88.7	89.1	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 800	72.5	86.8	88.1	88.9	89.4	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2
GE 700	72.5	87.1	88.5	89.5	90.1	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2
GE 600	72.5	87.1	88.6	89.7	90.8	91.8	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0
GE 500	72.5	87.3	88.9	90.2	91.7	93.1	93.2	93.3	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5
GE 400	72.5	87.6	89.4	91.1	93.0	94.8	95.5	95.9	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1
GE 300	72.5	87.8	89.7	91.6	93.7	95.8	96.9	97.7	97.7	98.4	98.6	98.6	98.6	98.6	98.6	98.6
GE 200	72.5	87.8	89.7	91.6	93.7	95.9	97.2	98.1	98.3	99.2	99.6	99.6	99.7	99.7	99.8	99.8
GE 100	72.5	87.8	89.7	91.6	93.7	95.9	97.2	98.1	98.3	99.4	99.7	99.7	99.9	99.9	100.0	100.0
GE 0	72.5	87.8	89.7	91.6	93.7	95.9	97.2	98.1	98.3	99.4	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87

MONTH: DEC HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	44.4		47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 20000	51.7	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 18000	51.7	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 16000	51.7	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 14000	52.2	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 12000	53.8	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 10000	55.4	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 9000	55.9	61.6	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 8000	57.7	64.7	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 7000	58.6	65.8	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 6000	58.9	66.1	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 5000	61.0	68.6	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 4500	62.6	70.5	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 4000	64.4	72.5	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 3500	66.0	74.9	76.1	76.3	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 3000	67.5	77.4	78.6	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 2500	69.5	80.2	81.7	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 2000	70.8	82.3	83.8	84.4	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 1800	71.0	82.6	84.2	84.8	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 1500	71.4	83.7	85.3	86.0	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 1200	72.3	85.1	86.8	87.6	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1000	72.3	85.4	87.1	88.0	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 900	72.5	86.1	88.0	88.8	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 800	72.6	86.6	88.4	89.2	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 700	72.6	86.7	88.6	89.7	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 600	72.6	86.8	88.7	90.0	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 500	72.6	86.9	88.9	90.4	91.3	91.7	92.0	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 400	72.6	87.0	89.5	91.1	92.3	93.2	94.0	94.4	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 300	72.6	87.3	90.0	91.6	93.1	95.1	96.3	97.3	97.3	98.1	98.2	98.2	98.2	98.2	98.3	98.3
GE 200	72.6	87.3	90.0	91.6	93.1	95.1	96.3	97.3	97.3	98.1	98.2	98.2	98.2	98.2	98.3	98.3
GE 100	72.6	87.4	90.1	91.7	93.2	95.2	97.0	98.2	98.2	99.4	99.7	99.7	99.7	99.9	100.0	100.0
GE 0	72.6	87.4	90.1	91.7	93.2	95.2	97.0	98.2	98.2	99.4	99.7	99.7	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87

MONTH: DEC HOURS (LST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	47.8	49.4	49.5	49.5	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 20000	54.2	56.6	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 18000	54.2	56.6	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 16000	54.2	56.6	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 14000	54.5	56.9	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 12000	55.9	58.4	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 10000	58.0	60.7	60.9	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 9000	58.9	62.1	62.3	62.3	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 8000	61.0	65.3	65.5	65.5	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 7000	61.7	66.3	66.7	66.7	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 6000	62.5	67.3	68.0	68.0	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 5000	64.3	69.5	70.2	70.2	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 4500	65.9	71.4	72.1	72.1	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 4000	67.2	73.1	73.8	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 3500	69.5	75.5	76.3	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 3000	71.8	78.4	79.2	79.3	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 2500	74.2	81.3	82.0	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 2000	75.5	82.9	83.6	83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 1800	75.9	83.4	84.2	84.3	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 1500	76.4	84.2	85.0	85.1	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 1200	76.6	84.9	85.8	86.0	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 1000	76.8	86.1	87.1	87.3	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 900	77.2	87.1	88.0	88.3	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 800	77.2	87.2	88.1	88.5	88.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 700	77.3	87.7	88.7	89.1	89.2	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 600	77.3	87.9	88.9	89.4	89.5	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 500	77.4	88.6	89.7	90.4	90.6	91.6	91.9	92.2	92.2	92.2	92.6	92.6	92.6	92.7	92.7	92.7
GE 400	77.4	89.3	90.6	91.6	92.2	93.4	94.2	94.8	94.8	94.8	95.7	95.7	95.7	95.8	95.8	95.9
GE 300	77.4	89.5	90.8	91.9	92.8	94.2	95.4	96.3	96.3	96.3	97.3	97.3	97.3	97.4	97.4	97.5
GE 200	77.4	89.5	91.1	92.1	93.0	94.4	96.2	97.6	97.6	97.6	98.8	98.8	98.8	99.0	99.0	99.1
GE 100	77.4	89.5	91.1	92.1	93.0	94.4	96.2	97.6	97.6	97.6	99.1	99.2	99.2	99.6	99.6	99.9
GE 0	77.4	89.5	91.1	92.1	93.0	94.4	96.2	97.6	97.6	97.6	99.1	99.2	99.2	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 928

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: DEC HOURS(IST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	47.5	48.9	48.9	49.0	49.0	49.3	49.3	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 20000	50.9	52.8	52.8	52.9	52.9	53.2	53.2	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 18000	50.9	52.8	52.8	52.9	52.9	53.2	53.2	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 16000	50.9	52.8	52.8	52.9	52.9	53.2	53.2	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 14000	51.9	53.7	53.7	53.8	53.8	54.2	54.2	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 12000	53.6	55.6	55.6	55.7	55.7	56.0	56.0	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 10000	56.6	58.6	58.7	58.8	58.8	59.1	59.1	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 9000	57.1	59.0	59.1	59.2	59.2	59.5	59.5	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 8000	59.0	61.9	62.2	62.5	62.5	62.8	62.9	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 7000	60.0	63.0	63.3	63.5	63.5	63.9	64.0	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 6000	60.5	63.5	63.9	64.1	64.1	64.4	64.5	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 5000	64.2	68.0	68.4	68.6	68.6	69.0	69.1	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 4500	65.4	69.8	70.2	70.4	70.4	70.9	71.0	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 4000	66.2	70.7	71.1	71.3	71.4	71.8	72.0	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 3500	68.0	73.0	73.5	73.8	73.9	74.4	74.5	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 3000	69.9	75.5	75.9	76.3	76.4	76.9	77.1	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 2500	72.7	79.8	80.4	80.7	80.8	81.3	81.6	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 2000	74.9	83.3	83.9	84.3	84.4	84.9	85.2	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 1800	75.2	84.7	85.3	85.7	85.8	86.3	86.6	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1500	76.1	85.7	86.3	86.6	86.7	87.3	87.6	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 1200	76.2	85.8	86.4	86.7	86.8	87.4	87.7	87.9	87.9	88.0	88.1	88.1	88.2	88.2	88.2	88.2
GE 1000	76.6	86.3	87.1	87.5	87.6	88.2	88.6	88.8	88.8	88.9	89.0	89.0	89.1	89.1	89.1	89.1
GE 900	76.8	86.7	87.5	87.9	88.0	88.7	89.0	89.2	89.2	89.3	89.4	89.4	89.5	89.5	89.5	89.5
GE 800	77.0	86.9	87.7	88.1	88.2	88.9	89.2	89.5	89.5	89.6	89.8	89.8	89.9	89.9	89.9	89.9
GE 700	77.0	87.3	88.0	88.6	88.7	89.3	89.6	90.0	90.0	90.1	90.2	90.2	90.3	90.3	90.3	90.3
GE 600	77.2	87.6	88.3	89.0	89.3	90.4	91.0	91.4	91.4	91.5	91.6	91.6	91.7	91.7	91.7	91.7
GE 500	77.5	88.3	89.1	89.8	90.1	91.3	91.9	92.4	92.4	92.7	92.8	92.8	92.9	92.9	92.9	92.9
GE 400	77.5	88.7	89.4	90.7	91.3	92.7	93.6	94.4	94.4	94.6	94.7	94.7	94.8	94.8	95.1	95.1
GE 300	77.5	89.2	90.0	91.3	91.9	93.4	94.6	95.4	95.4	95.7	95.8	95.8	95.9	95.9	96.2	96.2
GE 200	77.5	89.2	90.2	91.7	92.4	94.4	96.0	97.2	97.2	97.6	97.7	97.7	98.1	98.2	98.5	98.5
GE 100	77.5	89.2	90.2	91.7	92.4	94.4	96.2	97.6	97.6	98.3	98.4	98.4	98.7	98.8	99.4	99.4
GE 0	77.5	89.2	90.2	91.7	92.4	94.4	96.2	97.6	97.6	98.3	98.4	98.4	98.7	98.8	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 927

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87

MONTH: DEC

HOURS(LST):

ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	45.6	48.3	48.6	48.7	48.7	48.9	48.9	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 20000	50.4	54.1	54.5	54.7	54.8	54.8	55.0	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.3	55.3
GE 18000	50.4	54.2	54.6	54.8	54.9	54.9	55.1	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.4
GE 16000	50.5	54.3	54.6	54.9	54.9	54.9	55.1	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 14000	50.9	54.7	55.1	55.3	55.3	55.3	55.5	55.6	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 12000	52.5	56.4	56.8	57.0	57.1	57.3	57.3	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 10000	55.0	59.2	59.7	59.9	60.1	60.2	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.6	60.6
GE 9000	55.4	59.8	60.2	60.5	60.6	60.8	60.9	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 8000	57.6	62.8	63.3	63.6	63.8	64.0	64.0	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 7000	58.6	64.2	64.5	65.1	65.3	65.5	65.6	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 6000	59.1	64.8	65.4	65.8	66.0	66.1	66.2	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 5000	60.9	67.2	67.9	68.3	68.5	68.7	68.8	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.1
GE 4500	62.6	69.4	70.2	70.6	70.8	71.0	71.1	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.5
GE 4000	64.0	71.1	71.9	72.4	72.6	72.9	73.0	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.4
GE 3500	65.9	73.4	74.3	74.9	75.1	75.4	75.5	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.9	75.9
GE 3000	68.1	76.3	77.3	77.9	78.1	78.5	78.7	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 2500	70.5	79.5	80.6	81.3	81.5	81.8	82.0	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 2000	71.9	81.5	82.7	83.4	83.7	84.1	84.4	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 1800	72.2	82.2	83.4	84.2	84.5	84.9	85.2	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 1500	72.8	83.2	84.5	85.3	85.6	86.1	86.4	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 1200	73.2	83.9	85.2	86.1	86.5	86.9	87.3	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 1000	73.5	84.5	86.0	86.9	87.4	87.8	88.2	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.6	88.6
GE 900	73.7	85.1	86.7	87.6	88.1	88.6	88.9	89.1	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 800	73.8	85.3	86.9	87.9	88.4	88.9	89.3	89.5	89.5	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7
GE 700	73.9	85.8	87.5	88.6	89.2	89.7	90.1	90.3	90.3	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6
GE 600	74.0	86.0	87.7	89.1	89.7	90.5	90.9	91.1	91.1	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 500	74.1	86.6	88.5	90.1	90.8	91.8	92.3	92.7	92.7	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1
GE 400	74.2	86.9	88.9	90.9	91.9	93.2	94.0	94.6	94.7	95.1	95.1	95.1	95.1	95.2	95.2	95.3	95.3
GE 300	74.2	87.2	89.4	91.5	92.7	94.2	95.3	96.2	96.2	96.8	96.9	96.9	96.9	97.0	97.0	97.1	97.1
GE 200	74.2	87.2	89.5	91.6	92.9	94.6	96.0	97.1	97.2	98.1	98.4	98.4	98.4	98.7	98.7	98.9	98.9
GE 100	74.2	87.3	89.5	91.7	92.9	94.6	96.1	97.4	97.4	98.6	98.8	98.8	98.8	99.3	99.3	99.7	99.7
GE 01	74.2	87.3	89.5	91.7	92.9	94.6	96.1	97.4	97.4	98.6	98.8	98.8	98.8	99.4	99.4	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 7435

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: ALL HOURS(IST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	39.8	46.0	49.5	50.6	51.1	51.3	51.6	51.7	51.7	51.9	51.9	51.9	52.1	52.1	52.2	52.3
GE 20000	44.2	54.1	55.9	57.2	57.9	58.2	58.5	58.6	58.6	58.8	58.9	58.9	59.0	59.0	59.1	59.3
GE 18000	44.3	54.2	56.0	57.3	58.0	58.3	58.5	58.7	58.7	58.9	58.9	58.9	59.1	59.1	59.2	59.4
GE 16000	44.3	54.3	56.0	57.4	58.1	58.3	58.6	58.7	58.8	58.9	59.0	59.0	59.1	59.1	59.3	59.4
GE 14000	44.5	54.6	56.4	57.7	58.4	58.7	59.0	59.1	59.1	59.3	59.3	59.3	59.5	59.5	59.6	59.8
GE 12000	45.0	55.0	57.7	59.3	60.0	60.3	60.6	60.7	60.7	60.9	61.0	61.0	61.1	61.1	61.2	61.4
GE 10000	47.2	58.3	60.2	61.8	62.5	62.8	63.1	63.3	63.3	63.5	63.5	63.5	63.7	63.7	63.8	64.0
GE 9000	47.7	59.0	61.0	62.5	63.3	63.6	63.9	64.1	64.1	64.3	64.3	64.3	64.5	64.5	64.6	64.8
GE 8000	49.2	61.1	63.3	64.9	65.8	66.0	66.4	66.6	66.6	66.8	66.8	66.8	67.0	67.0	67.1	67.3
GE 7000	50.2	62.5	64.7	66.3	67.2	67.5	67.8	68.0	68.0	68.2	68.3	68.3	68.4	68.4	68.6	68.7
GE 6000	50.5	62.9	65.1	66.8	67.7	68.0	68.3	68.5	68.5	68.7	68.8	68.8	68.9	68.9	69.0	69.2
GE 5000	51.9	64.9	67.2	68.9	69.8	70.1	70.5	70.7	70.7	70.9	71.0	71.0	71.1	71.1	71.2	71.4
GE 4500	53.3	66.9	69.3	71.1	72.0	72.3	72.7	72.9	72.9	73.1	73.2	73.2	73.3	73.3	73.5	73.6
GE 4000	54.4	68.5	71.0	72.9	73.8	74.1	74.5	74.7	74.7	75.0	75.0	75.0	75.2	75.2	75.3	75.5
GE 3500	55.6	70.1	72.6	74.6	75.6	75.9	76.3	76.5	76.5	76.8	76.8	76.8	77.0	77.0	77.1	77.3
GE 3000	57.0	72.2	74.9	76.9	78.0	78.3	78.8	79.0	79.0	79.2	79.3	79.3	79.4	79.4	79.6	79.7
GE 2500	58.3	74.3	77.0	79.2	80.3	80.7	81.2	81.4	81.4	81.6	81.7	81.7	81.8	81.9	82.0	82.2
GE 2000	59.3	75.9	78.8	81.1	82.3	82.7	83.2	83.4	83.5	83.7	83.8	83.8	83.9	83.9	84.1	84.2
GE 1800	59.6	76.6	79.5	81.9	83.0	83.5	84.0	84.2	84.2	84.5	84.5	84.5	84.7	84.7	84.8	85.0
GE 1500	60.2	77.7	80.7	83.1	84.4	84.9	85.4	85.6	85.6	85.9	86.0	86.0	86.1	86.1	86.3	86.4
GE 1200	60.5	78.5	81.6	84.1	85.4	85.9	86.5	86.7	86.7	87.0	87.1	87.1	87.2	87.2	87.4	87.5
GE 1000	60.8	79.2	82.5	85.1	86.5	87.1	87.7	88.0	88.0	88.3	88.4	88.4	88.5	88.5	88.7	88.8
GE 900	60.9	79.6	82.9	85.6	87.0	87.6	88.3	88.6	88.6	88.9	88.9	88.9	89.1	89.1	89.3	89.4
GE 800	61.0	79.9	83.3	86.0	87.5	88.1	88.8	89.2	89.2	89.5	89.6	89.6	89.7	89.7	89.9	90.1
GE 700	61.1	80.4	83.8	86.8	88.3	89.0	89.8	90.2	90.2	90.5	90.6	90.6	90.8	90.8	90.9	91.1
GE 600	61.1	80.7	84.2	87.3	89.0	89.8	90.6	91.1	91.1	91.4	91.5	91.5	91.7	91.7	91.9	92.1
GE 500	61.2	81.1	84.8	88.1	90.0	90.9	92.0	92.5	92.5	93.0	93.1	93.1	93.3	93.4	93.5	93.7
GE 400	61.2	81.4	85.2	88.8	90.8	92.0	93.2	94.0	94.0	94.6	94.8	94.8	95.0	95.0	95.2	95.3
GE 300	61.3	81.5	85.4	89.1	91.4	92.7	94.2	95.2	95.2	95.9	96.2	96.2	96.4	96.4	96.6	96.8
GE 200	61.3	81.5	85.4	89.3	91.6	92.9	94.6	95.8	95.9	96.9	97.3	97.3	97.7	97.7	98.0	98.2
GE 100	61.3	81.5	85.5	89.3	91.6	92.9	94.7	96.0	96.0	97.2	97.7	97.7	98.3	98.4	98.9	99.3
GE 0	61.3	81.5	85.5	89.3	91.6	92.9	94.7	96.0	96.0	97.2	97.7	97.7	98.4	98.4	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 87643

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JAN

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS   (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	31.4			14.2						12.2	42.3	5.7	930
03-05	30.8			13.6						14.6	41.6	5.9	930
06-08	23.7			17.6						17.5	41.3	6.2	928
09-11	18.9			20.2						18.5	42.4	6.5	930
12-14	13.0			22.0						23.9	41.1	6.9	928
15-17	14.9			18.8						25.5	40.8	6.9	930
18-20	24.2			21.0						16.6	38.1	5.9	928
21-23	30.3			17.0						14.4	38.3	5.6	928
TOTALS	23.4			18.0						17.9	40.7	6.2	7432

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: FEB

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS   (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	39.4			12.7						8.6	39.4	5.1	836
03-05	39.9			11.3						9.4	39.5	5.1	843
06-08	26.8			19.4						16.0	37.8	5.8	844
09-11	20.2			18.6						21.7	39.5	6.5	845
12-14	17.3			19.5						22.1	41.1	6.7	846
15-17	19.1			18.7						20.8	41.4	6.6	846
18-20	24.5			20.1						15.7	39.7	6.0	846
21-23	31.8			19.3						9.1	39.8	5.4	845
TOTALS	27.4			17.5						15.4	39.8	5.9	6751

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: MAR

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	38.4			12.1						9.7	39.9	5.2	928
03-05	39.0			11.8						9.4	39.8	5.2	925
06-08	26.6			19.9						15.4	38.1	5.8	924
09-11	19.5			21.4						22.6	36.6	6.7	930
12-14	16.0			20.3						25.5	38.2	6.7	930
15-17	17.9			20.1						24.7	37.4	6.6	929
18-20	23.6			18.8						19.2	38.4	6.1	929
21-23	33.6			16.2						12.3	37.9	5.4	928
TOTALS	26.8			17.6						17.4	38.3	5.9	7423

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: APR

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	33.0			14.5						11.4	41.1	5.6	897
03-05	32.1			14.3						13.4	40.3	5.7	898
06-08	21.4			17.9						20.3	40.4	6.4	896
09-11	16.8			21.7						20.7	40.9	6.6	900
12-14	14.7			20.4						25.3	39.7	6.9	899
15-17	15.9			17.0						26.3	40.8	7.0	900
18-20	18.5			21.0						20.4	40.2	6.5	899
21-23	28.7			18.7						11.8	40.9	5.7	900
TOTALS	22.6			18.2						18.7	40.5	6.3	7189

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: MAY

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	31.3			14.3						12.8	41.7	5.7	924
03-05	25.4			18.2						13.0	43.4	6.1	917
06-08	17.7			18.5						19.8	43.9	6.7	917
09-11	17.6			24.6						25.9	36.8	6.8	926
12-14	8.3			26.6						30.4	34.7	7.0	930
15-17	10.8			23.0						30.9	35.3	7.0	929
18-20	14.5			22.3						25.6	37.6	6.7	929
21-23	24.9			19.3						14.3	41.5	6.0	928
TOTALS	18.2			20.9						21.6	39.4	6.5	7400

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JUN

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	36.0			17.3						13.8	32.8	5.0	883
03-05	26.9			21.4						19.8	31.9	5.6	863
06-08	20.6			21.4						26.2	31.7	6.2	877
09-11	18.1			25.6						28.5	27.8	6.1	895
12-14	9.8			31.6						31.1	27.5	6.5	898
15-17	11.6			32.9						28.2	27.3	6.3	897
18-20	17.8			25.4						28.1	28.7	6.2	889
21-23	28.3			25.0						16.7	30.0	5.3	893
TOTALS	21.1			25.1						24.1	29.7	5.9	7095

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JUL

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	34.9			19.6						14.0	31.5	5.0	905
03-05	26.2			21.3						21.8	30.8	5.7	887
06-08	19.0			23.2						29.7	28.2	6.2	902
09-11	14.9			28.2						33.0	23.9	6.2	915
12-14	5.8			36.3						36.2	21.7	6.5	926
15-17	8.1			37.0						33.3	21.7	6.3	919
18-20	16.2			26.3						31.8	25.8	6.2	916
21-23	28.2			26.6						17.1	28.1	5.1	905
TOTALS	19.2			27.3						27.1	26.5	5.9	7275

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: AUG

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	31.1			19.6						16.8	32.4	5.3	897
03-05	28.3			20.1						19.8	31.8	5.6	859
06-08	19.7			23.9						25.5	31.0	6.1	875
09-11	14.9			30.6						30.3	24.3	6.1	919
12-14	4.5			36.0						36.7	22.7	6.7	928
15-17	7.2			36.6						30.8	25.5	6.4	922
18-20	12.8			26.6						30.2	28.4	6.4	927
21-23	25.5			23.8						20.7	30.1	5.6	905
TOTALS	18.0			27.4						26.4	28.3	6.0	7227

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: SEP

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS   (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	38.4			15.6						14.1	31.7	4.9	882
03-05	37.3			16.7						14.8	31.2	5.0	858
06-08	22.2			24.9						21.5	31.4	5.6	866
09-11	20.0			28.2						23.2	28.6	5.8	895
12-14	11.6			32.3						30.1	26.0	6.3	900
15-17	16.9			30.0						28.8	24.2	5.9	892
18-20	24.4			26.3						22.7	26.5	5.5	889
21-23	35.2			21.6						16.9	26.3	4.8	883
TOTALS	25.8			24.5						21.5	28.2	5.5	7065

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: OCT

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS   (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	38.7			13.4						12.8	35.0	5.1	919
03-05	37.7			13.0						13.1	36.2	5.2	907
06-08	26.9			19.6						23.6	29.9	5.7	903
09-11	19.2			26.6						26.5	27.8	6.0	926
12-14	16.0			26.5						29.6	27.9	6.2	929
15-17	17.3			27.6						27.6	27.5	6.1	927
18-20	27.6			23.9						19.2	29.3	5.4	924
21-23	36.1			17.9						14.6	31.5	5.0	912
TOTALS	27.4			21.1						20.9	30.6	5.6	7347

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: NOV

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS   (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	32.0			15.4						11.9	40.7	5.6	883
03-05	31.9			15.8						12.2	40.1	5.6	878
06-08	21.2			22.2						19.9	36.7	6.1	886
09-11	17.7			19.3						23.2	39.8	6.6	895
12-14	13.8			21.3						29.0	35.9	6.8	900
15-17	15.0			21.8						27.0	36.2	6.7	899
18-20	22.0			20.2						18.0	39.7	6.2	899
21-23	27.8			16.2						15.9	40.0	5.9	887
TOTALS	22.7			19.0						19.6	38.6	6.2	7127

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: DEC

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER													
HOURS   (LST)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS
00-02	32.9			14.3						12.3	40.5	5.6	927
03-05	32.0			17.7						12.0	38.3	5.4	926
06-08	23.3			20.4						19.7	36.6	6.0	928
09-11	16.6			19.2						24.2	40.0	6.8	929
12-14	14.9			21.9						24.2	39.0	6.7	928
15-17	17.9			22.8						21.9	37.4	6.4	927
18-20	28.2			17.0						15.6	39.1	5.8	928
21-23	30.9			15.2						14.5	39.4	5.7	927
TOTALS	24.6			18.6						18.1	38.8	6.1	7411

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: ALL

		PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN	TOTAL OBS
HOURS (LST)		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	23.4			18.0						17.9	40.7	6.2	7432
FEB		27.4			17.5						15.4	39.8	5.9	6751
MAR		26.8			17.6						17.4	38.3	5.9	7423
APR		22.6			18.2						18.7	40.5	6.3	7189
MAY		18.2			20.9						21.6	39.4	6.5	7400
JUN		21.1			25.1						24.1	29.7	5.9	7095
JUL		19.2			27.3						27.1	26.5	5.9	7275
AUG		18.0			27.4						26.4	28.3	6.0	7227
SEP		25.8			24.5						21.5	28.2	5.5	7065
OCT		27.4			21.1						20.9	30.6	5.6	7347
NOV		22.7			19.0						19.6	38.6	6.2	7127
DEC		24.6			18.6						18.1	38.8	6.1	7416
TOTALS		23.1			21.3						20.7	35.0	6.0	86747

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## TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY MAXIMUM (MINIMUM AND MEAN) TEMPERATURES:

DATA DERIVED FROM SUMMARY OF DAY DATA.

PERCENTAGE TABULATIONS PRESENTED BY 5-DEGREE FAHRENHEIT INCREMENTS PLUS THE MEAN, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNT.

THE MINIMUM TABLE ALSO INCLUDES A 33 FAHRENHEIT DEGREE INCREMENT.

SINCE MANY STATIONS/SITES DO NOT HAVE MAXIMUM/MINIMUM THERMOMETERS, THESE TEMPERATURES WERE SELECTED BY SCANNING THE HOURLY OBSERVATIONS FOR THE HIGHEST AND LOWEST VALUES.

STATISTICS DO NOT INCLUDE INCOMPLETE MONTHS (THOSE CONTAINING ASTERISKS).

FOUR OR MORE COMPLETE MONTHS ARE REQUIRED FOR COMPUTATION AND DISPLAY OF STATISTICAL VALUES.

### EXTREME MAXIMUM AND MINIMUM VALUES:

DATA DERIVED FROM SUMMARY OF DAY DATA.

PRESENTED ARE THE HIGHEST (LOWEST) TEMPERATURE FOR THE MONTH FOR EACH YEAR.

ALSO PRESENTED ARE STATISTICAL VALUES WITH THE SAME LIMITATIONS MENTIONED ABOVE.

AN ASTERISK INDICATES AN INCOMPLETE MONTH.

### MEANS AND STANDARD DEVIATIONS FOR DRY BULB (WET BULB AND DEW POINT) TEMPERATURES:

DATA DERIVED FROM HOURLY OBSERVATIONS.

DATA PRESENTED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE MEANS, STANDARD DEVIATION AND OBSERVATION COUNTS.

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY:

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PERCENTAGE VALUES PRESENTED IN 10 DEGREE INCREMENTS OF RELATIVE HUMIDITY.

ALSO PRESENTED ARE THE MEAN VALUES AND OBSERVATION COUNTS.

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MAXIMUM TEMPERATURES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724070

STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 45-87

TEMP(F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 105I						.1							.0
GE 100I						.2	.4	.1					.1
GE 95I					.2	2.3	4.7	2.0	.5				.8
GE 90I				.4	2.3	10.3	19.5	13.1	4.1	.1			4.2
GE 85I			.2	2.0	7.9	27.4	47.3	39.2	14.8	1.1			11.8
GE 80I			1.0	5.4	17.8	52.2	77.7	70.3	35.4	6.2	.5		22.4
GE 75I	.1	.1	2.7	11.3	34.4	73.7	96.2	92.1	59.9	16.2	1.6	.1	32.7
GE 70I	.5	.8	5.3	19.5	54.9	88.5	99.5	98.7	81.7	36.6	6.8	.8	41.4
GE 65I	1.7	2.6	10.6	32.4	74.1	97.1	100.0	100.0	93.8	59.6	17.8	3.1	49.7
GE 60I	4.6	6.0	19.7	52.5	88.8	99.6			99.1	79.4	35.8	8.6	58.1
GE 55I	10.9	12.9	32.2	72.1	96.5	100.0			99.9	92.0	56.0	19.4	66.3
GE 50I	21.5	25.7	51.7	89.9	99.5				100.0	98.0	73.6	34.3	74.8
GE 45I	35.3	41.4	70.6	98.0	100.0					99.6	87.8	52.4	82.3
GE 40I	54.3	61.8	87.2	99.8						100.0	96.4	71.5	89.4
GE 35I	72.7	79.7	95.6	100.0							99.2	85.0	94.4
GE 30I	85.6	91.2	99.2								99.8	94.4	97.6
GE 25I	94.2	96.8	99.8								100.0	98.4	99.1
GE 20I	98.1	98.7	100.0									99.7	99.7
GE 15I	99.4	99.5										99.9	99.9
GE 10I	99.8	100.0										100.0	100.0
GE 5I	100.0												100.0
MEAN	40.9	42.7	50.8	61.1	70.8	79.5	84.2	82.7	76.4	66.4	55.8	45.3	63.1
SD	10.819	10.297	10.566	9.892	9.253	7.944	5.948	5.935	7.519	8.244	9.219	10.166	17.655
TOTAL OBS	1302	1214	1332	1269	1307	1290	1333	1333	1290	1333	1290	1333	15626

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MINIMUM TEMPERATURES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724070

STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 45-87

TEMP(F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 75						.4	3.7	1.9	.4				.5
GE 70						6.7	30.5	24.6	7.4	.5			5.9
GE 65			.1		2.9	27.6	61.4	54.8	23.5	2.6	.2		14.6
GE 60				.5	13.3	52.6	84.1	76.2	42.5	8.3	1.2		23.5
GE 55			.4	4.1	31.6	74.9	95.3	91.8	60.5	20.0	5.9	.4	32.4
GE 50	.5	.2	2.9	14.4	55.8	91.2	99.5	97.7	79.6	37.1	12.0	1.7	41.4
GE 45	2.1	2.3	7.5	31.8	77.6	97.7	100.0	99.5	91.3	54.8	22.1	5.9	49.7
GE 40	7.2	7.3	20.2	55.6	92.0	97.7		100.0	97.1	73.0	36.8	13.0	58.8
GE 35	15.7	18.6	38.5	77.8	98.1	100.0			99.8	87.5	55.4	23.5	68.2
GE 30	20.9	23.2	47.5	84.2	99.1				99.8	92.8	62.9	30.7	72.0
GE 25	29.8	35.5	62.4	93.1	99.7				100.0	96.6	77.3	42.1	78.2
GE 20	48.0	53.5	81.4	98.9	100.0					99.8	90.4	62.3	86.3
GE 15	64.7	70.3	92.3	99.8						100.0	97.2	76.9	91.9
GE 10	78.9	82.3	97.4	99.9							99.8	89.4	95.7
GE 5	89.5	92.5	99.5	100.0							100.0	95.4	98.1
GE 0	95.3	97.3	100.0									99.1	99.3
GE -5	98.5	99.1										99.7	99.8
GE -10	99.2	99.4										100.0	99.9
GE -15	100.0	99.9											100.0
GE -20		100.0											100.0
MEAN	23.4	24.8	32.2	40.8	50.5	59.5	65.7	64.2	57.0	46.0	37.0	27.4	44.0
SD	11.051	10.463	8.760	7.821	7.656	7.037	5.876	6.617	8.864	9.534	9.846	10.375	17.156
TOTAL OBS	1302	1214	1332	1269	1307	1290	1333	1333	1290	1333	1290	1333	15626

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE OF OCCURRENCE OF MEAN TEMPERATURES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724070

STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 45-87

TEMP(F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GE 85I						.8	5.3	1.6	.3				.5
GE 80I					.8	6.7	23.0	15.5	4.8				4.3
GE 75I			.1	.2	4.2	26.4	54.5	47.3	18.2	1.0			12.8
GE 70I			.2	1.7	13.7	51.8	85.6	76.5	37.4	5.4	.2		23.0
GE 65I			1.2	7.2	32.8	76.2	98.3	94.7	62.1	16.4	2.7	.1	32.5
GE 60I	.4	.2	3.5	16.1	55.6	93.1	100.0	99.3	84.4	36.6	8.4	.8	41.9
GE 55I	1.4	1.6	9.2	30.0	78.7	99.0		100.0	95.0	58.1	19.4	3.1	49.9
GE 50I	5.2	5.6	19.2	55.1	93.6	100.0			99.3	79.4	36.9	9.5	59.0
GE 45I	12.4	13.7	33.6	80.0	99.1				100.0	92.5	57.8	21.5	67.8
GE 40I	24.3	29.3	58.6	95.0	100.0					98.6	77.4	37.4	76.9
GE 35I	42.4	50.0	80.4	99.2						99.9	91.9	58.6	85.4
GE 30I	62.2	67.4	92.5	99.9						100.0	98.0	76.1	91.5
GE 25I	77.7	83.1	97.9	100.0							99.8	88.7	95.7
GE 20I	89.2	93.9	99.5								100.0	96.0	98.2
GE 15I	95.4	97.7	99.9									99.2	99.4
GE 10I	98.7	99.2	100.0									99.8	99.8
GE 5I	99.6	99.7										99.9	99.9
GE 0I	99.8	100.0										100.0	100.0
GE -5I	100.0												100.0
MEAN	32.4	34.0	41.8	51.2	60.9	69.8	75.2	73.7	67.0	56.4	46.6	36.6	53.8
SD	10.409	9.799	8.934	8.007	7.626	6.749	5.199	5.582	7.484	8.141	8.874	9.709	17.055
TOTAL OBS	1302	1214	1332	1269	1307	1290	1333	1333	1290	1333	1290	1333	15626

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MAXIMUM TEMPERATURE  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 45-87

YEAR	WHOLE DEGREES FAHRENHEIT -M-O-N-T-H-S-												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
45		58	87	86	83	100	97	93	87	80	76	56	
46	63	67	76	*80	*84	90	90	89	88	85	71	68	90
47	65	52	64	78	87	93	92	94	87	85	63	60	94
48	48	65	*83	75	89	95	90	102	87	77	72	61	102
49	62	72	78	74	93	94	98	97	84	84	72	64	98
50	73	55	67	75	91	89	92	89	88	79	84	68	92
51	65	71	61	83	86	89	93	92	85	87	71	72	93
52	66	59	77	85	83	98	96	88	95	83	71	58	98
53	67	64	70	79	86	92	97	97	97	81	74	65	97
54	64	72	70	84	83	91	96	92	89	87	65	60	96
55	56	56	71	80	89	89	99	98	86	82	77	65	99
56	57	61	66	82	90	95	93	91	90	80	72	72	95
57	60	65	74	89	88	95	100	90	93	77	68	59	100
58	55	58	55	75	83	92	93	91	88	83	71	57	93
59	58	60	69	85	91	98	91	92	89	90	73	61	98
60	56	63	78	89	84	90	91	93	88	84	71	65	93
61	58	73	78	87	83	92	94	92	95	81	77	60	95
62	59	60	74	86	96	94	91	94	87	86	64	61	96
63	56	60	81	85	93	97	98	90	86	83	71	56	98
64	64	55	71	86	94	97	97	92	92	78	74	63	97
65	65	69	67	85	93	96	97	94	92	75	76	65	97
66	65	59	64	76	87	96	104	95	90	78	73	72	104
67	78	63	79	90	82	92	91	90	85	87	69	60	92
68	60	50	81	82	86	97	99	97	90	84	75	61	99
69	55	47	71	94	99	106	97	94	93	82	65	59	106
70	60	60	60	78	89	89	88	92	93	81	66	63	93
71	54	70	67	75	82	91	91	87	85	77	76	66	91
72	60	66	72	80	79	85	96	95	91	75	70	63	96
73	63	61	74	82	82	93	93	97	93	83	75	67	97
74	72	59	76	92	93	91	95	90	87	79	81	61	95

NOTES \* (BASED ON LESS THAN FULL MONTHS)  
# (AT LEAST ONE DAY LESS THAN 24 OBS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MAXIMUM TEMPERATURE  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 45-87

YEAR	WHOLE DEGREES FAHRENHEIT -M-O-N-T-H-S-												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
75	68	60	66	75	86	90	92	97	81	82	74	61	97
76	60	70	75	88	83	91	92	92	88	76	64	55	92
77	47	69	80	85	91	90	96	92	91	79	74	61	96
78	60	45	68	80	88	91	95	90	87	78	71	70	95
79	58	57	85	73	89	88	91	93	85	83	70	64	93
80	56	58	60	70	86	90	94	93	94	75	69	69	94
81	53	69	72	85	87	93	99	94	92	78	71	63	99
82	57	67	69	80	87	88	97	92	86	82	80	73	97
83	57	57	72	86	82	95	100	98	99	85	67	60	100
84	62	66	56	75	86	99	94	94	95	85	71	75	99
85	63	75	79	92	89	90	94	97	93	86	76	63	97
86	67	61	79	75	93	94	98	89	88	86	76	60	98
87	58	51	76	75	95	97	97	95	85	73	75	65	97
MEAN	60.7	61.7	71.8	81.8	87.8	93.1	94.8	93.1	89.4	81.4	72.1	63.4	96.4
S.D.	6.131	7.088	7.393	5.972	4.547	3.966	3.408	3.146	3.886	3.983	4.584	4.876	3.136
TOTAL OBS	1302	1214	1332	1269	1307	1290	1333	1333	1290	1333	1290	1333	15626

NOTES \* (BASED ON LESS THAN FULL MONTHS)  
# (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MINIMUM TEMPERATURE  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 45-87

YEAR	WHOLE DEGREES FAHRENHEIT												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
45		12	25	33	40	43	52	54	50	32	23	9	
46	10	11	20	*31	*48	42	53	53	48	40	25	13	10
47	12	5	15	27	32	45	57	55	35	33	22	15	5
48	0	8	*11	30	39	48	56	58	44	29	30	8	0
49	22	12	17	34	42	48	57	53	43	32	20	15	12
50	17	9	9	25	39	46	54	55	39	31	23	10	9
51	15	9	21	34	42	47	60	53	37	39	19	7	7
52	8	18	20	31	41	51	52	49	46	26	21	18	8
53	21	15	18	33	44	49	56	55	44	34	28	12	12
54	6	6	20	24	38	46	56	53	45	34	26	13	6
55	8	3	19	35	40	50	58	56	45	34	16	8	3
56	4	13	17	28	37	47	56	53	38	35	17	17	4
57	-4	21	24	28	34	46	53	51	37	31	23	14	-4
58	5	4	25	30	41	45	60	52	41	37	18	2	2
59	6	9	18	32	39	49	56	55	39	30	21	11	6
60	17	18	9	27	37	47	57	53	48	31	26	6	6
61	-8	-4	17	30	37	48	56	52	42	31	23	11	-8
62	7	4	12	25	38	53	55	55	37	30	23	4	4
63	3	5	24	30	36	50	55	51	36	38	27	9	3
64	3	14	23	23	40	48	58	50	46	26	11	6	3
65	-8	2	13	24	42	41	46	40	35	26	19	9	-8
66	0	0	17	26	25	39	51	55	44	27	23	8	0
67	10	-7	7	24	32	37	53	55	32	24	14	6	-7
68	0	2	16	23	35	44	53	46	39	25	18	0	0
69	1	7	11	12	34	42	52	43	32	23	18	16	1
70	3	8	17	28	36	49	58	54	41	36	21	11	3
71	3	-1	19	25	36	47	49	46	41	38	19	16	-1
72	6	7	19	25	37	38	54	47	45	26	21	17	6
73	12	10	25	30	39	53	55	53	42	34	22	12	10
74	10	7	19	30	34	47	51	50	35	26	17	18	7

NOTES \* (BASED ON LESS THAN FULL MONTHS)  
# (AT LEAST ONE DAY LESS THAN 24 OBS)

CONTINUED ON NEXT PAGE....

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

EXTREME VALUES OF MINIMUM TEMPERATURE  
(FROM DAILY OBSERVATIONS)

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 45-87

WHOLE DEGREES FAHRENHEIT													
-M-O-N-T-H-S-													
YFAP	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
75	15	12	16	22	37	46	51	51	37	26	22	9	9
76	1	4	14	25	32	40	49	40	38	25	13	6	1
77	-10	4	23	19	35	42	50	52	45	35	25	6	-10
78	12	4	8	27	26	44	51	58	35	28	24	14	4
79	3	-11	17	28	37	45	48	46	34	30	20	13	-11
80	7	5	5	26	38	37	47	50	39	28	18	-2	-2
81	-6	2	11	22	26	49	53	52	40	26	16	12	-6
82	-6	15	19	20	42	52	52	41	45	28	16	4	-6
83	6	8	20	25	33	48	54	50	39	26	27	-2	-2
84	-7	9	5	27	37	45	54	54	41	35	18	16	-7
85	-9	12	17	20	36	51	54	54	43	26	29	7	-9
86	2	7	14	28	33	41	51	41	40	32	15	9	2
87	-8	7	16	28	31	44	53	47	39	26	18	7	-8
MEAN	4.5	7.1	16.7	26.7	36.4	45.8	53.6	51.0	40.5	30.4	20.8	9.8	1.1
S.D.	8.274	6.358	5.335	4.564	4.362	4.109	3.273	4.690	4.426	4.542	4.382	5.126	6.436
TOTAL OBS	1302	1214	1332	1269	1307	1290	1333	1333	1290	1333	1290	1333	15626

NOTES \* (BASED ON LESS THAN FULL MONTHS)  
# (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

DRY-BULB TEMPERATURES DEG F FROM  
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02	MEAN	27.7	29.1	31.9	45.5	55.2	63.1	69.1	67.9	60.9	50.4	43.4	34.6	48.8
	SD	11.434	11.296	9.857	8.031	8.074	7.223	6.114	6.894	8.991	10.525	10.415	12.099	16.964
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
03-05	MEAN	26.8	28.0	35.5	43.7	53.7	61.6	67.6	66.6	59.5	49.1	42.3	33.7	47.4
	SD	11.981	11.983	10.157	8.246	8.622	7.662	6.523	7.211	9.309	10.662	10.778	12.309	17.031
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
06-08	MEAN	26.5	27.6	36.6	47.0	58.4	67.3	72.1	70.0	62.0	50.6	42.4	33.2	49.6
	SD	12.047	12.129	10.250	8.263	8.194	6.872	6.185	6.919	8.884	10.326	10.406	12.364	18.454
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
09-11	MEAN	31.8	34.7	44.6	55.2	66.5	75.2	80.6	78.9	71.8	60.5	50.3	39.5	57.6
	SD	10.666	10.903	10.661	9.233	9.318	7.214	6.192	6.334	7.543	8.364	9.433	10.942	18.942
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
12-14	MEAN	35.9	39.0	48.5	58.2	69.4	78.2	83.4	81.8	75.1	64.2	54.2	43.7	61.1
	SD	10.064	10.714	10.918	9.506	9.876	7.706	6.490	6.488	7.782	8.543	9.412	10.638	16.539
	TOT OBS	930	846	930	900	930	900	930	930	900	930	899	930	10955
15-17	MEAN	34.9	38.4	47.9	57.3	67.9	76.7	82.0	79.8	73.4	61.9	51.9	41.9	59.6
	SD	9.759	10.265	10.413	9.038	9.463	7.624	6.475	6.236	7.477	8.161	8.879	10.420	18.169
	TOT OBS	930	846	930	900	930	900	930	930	900	930	899	930	10955
18-20	MEAN	30.6	33.5	42.6	52.0	62.1	71.0	76.5	74.2	66.6	54.8	46.5	37.2	54.1
	SD	10.201	9.730	9.283	7.742	8.371	6.582	5.838	5.940	7.548	8.835	8.869	10.801	17.618
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	928	10954
21-23	MEAN	28.4	30.7	39.2	48.0	57.5	65.5	71.5	69.8	62.7	51.5	44.4	35.4	50.5
	SD	10.849	10.463	9.283	7.477	7.743	6.350	5.547	6.463	8.353	9.935	9.791	11.532	16.951
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	927	10953
ALL	MEAN	30.3	32.6	41.5	50.9	61.3	69.8	75.4	73.6	66.5	55.4	46.9	37.4	53.6
	SD	11.414	11.740	11.210	9.942	10.402	9.321	8.411	8.578	10.061	10.987	10.679	11.985	18.519
HOURS	TOT OBS	7440	6768	7440	7200	7440	7200	7440	7440	7200	7440	7198	7435	87641

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

WET-BULB TEMPERATURES DEG F FROM  
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02	MEAN	26.0	27.4	34.4	42.6	52.4	60.2	66.0	65.1	58.5	48.3	41.4	32.5	46.3
	SD	11.186	11.157	9.663	7.851	8.031	6.995	5.902	6.663	8.784	10.367	10.408	11.740	16.560
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
03-05	MEAN	25.3	26.6	33.3	41.3	51.4	59.2	65.1	64.3	57.5	47.4	40.5	31.6	45.4
	SD	11.670	11.605	9.983	8.150	8.650	7.479	6.370	7.000	9.200	10.575	10.655	11.908	16.737
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
06-08	MEAN	25.0	26.2	34.0	43.6	54.4	62.6	67.7	66.5	59.4	48.6	40.7	31.4	46.6
	SD	11.732	12.020	10.016	7.834	7.938	6.372	5.679	6.410	8.630	10.260	10.259	11.945	17.517
	TOT OBS	930	846	930	900	930	900	930	930	899	930	900	930	10955
09-11	MEAN	29.0	31.2	38.8	47.8	57.9	65.5	70.5	69.9	64.1	54.3	45.7	35.6	51.0
	SD	10.297	10.051	9.546	7.525	7.742	6.155	5.058	5.337	6.808	8.524	9.120	10.614	16.587
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
12-14	MEAN	31.5	33.8	41.1	49.3	59.1	66.4	71.1	70.6	64.8	55.5	47.5	38.1	52.5
	SD	9.546	9.974	9.144	7.333	7.611	6.027	5.031	5.215	6.509	8.266	8.762	10.086	15.807
	TOT OBS	930	846	930	900	930	900	930	930	900	930	899	930	10955
15-17	MEAN	30.9	33.5	40.6	48.8	58.4	65.8	70.7	70.0	64.4	54.6	46.2	37.1	51.8
	SD	9.474	9.543	8.740	7.045	7.332	5.862	4.880	5.167	6.572	8.173	8.807	10.116	15.741
	TOT OBS	930	846	930	900	930	900	930	930	900	929	899	930	10954
18-20	MEAN	28.1	30.5	37.8	46.2	55.9	63.7	69.1	68.0	61.9	51.2	43.3	34.3	49.3
	SD	10.153	9.724	8.648	6.958	7.329	5.665	4.794	5.358	7.298	9.006	9.306	10.693	16.196
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	928	10954
21-23	MEAN	26.5	28.7	36.0	44.2	53.9	61.5	67.4	66.2	59.7	49.1	42.0	33.2	47.5
	SD	10.681	10.445	9.142	7.340	7.634	6.115	5.163	6.171	8.213	9.743	10.002	11.253	16.362
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	927	10953
ALL	MEAN	27.8	29.7	37.0	45.5	55.4	63.1	68.5	67.6	61.3	51.1	43.4	34.3	48.8
	SD	10.875	11.052	9.799	8.010	8.235	6.841	5.782	6.367	8.268	9.885	10.014	11.311	16.641
HOURS	TOT OBS	7440	6768	7440	7200	7440	7200	7440	7440	7199	7439	7198	7435	87639

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

DEW-POINT TEMPERATURES DEG F FROM  
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87

HOURLS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
00-02	MEAN	21.4	22.8	29.6	38.9	49.7	58.1	64.2	63.5	56.8	46.2	38.6	28.3	43.3
	SD	13.127	13.506	12.225	9.745	9.310	7.596	6.483	7.147	9.372	11.171	11.916	13.483	18.301
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
03-05	MEAN	20.9	22.3	28.8	38.2	49.3	57.5	63.6	63.0	56.1	45.6	38.1	27.9	42.7
	SD	13.379	14.025	12.403	9.681	9.662	7.968	6.791	7.338	9.706	11.326	11.839	13.452	18.382
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
06-08	MEAN	20.7	22.1	29.1	39.4	50.9	59.5	65.2	64.4	57.5	46.6	38.3	27.5	43.5
	SD	13.462	14.310	12.485	9.726	9.717	7.491	6.572	6.989	9.260	11.093	11.443	13.482	18.922
	TOT OBS	930	846	930	900	930	900	930	930	899	930	900	930	10955
09-11	MEAN	22.4	23.7	30.0	39.6	50.7	59.3	65.0	64.9	58.9	48.6	40.4	29.6	44.5
	SD	13.036	14.219	12.825	10.647	10.801	8.297	6.971	6.889	8.701	11.028	11.371	13.328	18.573
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
12-14	MEAN	22.7	24.0	30.4	39.7	50.7	59.1	64.5	64.6	58.1	47.7	39.8	29.3	44.3
	SD	13.011	13.811	12.814	10.716	10.855	8.263	7.307	7.081	8.856	11.281	11.792	13.561	18.411
	TOT OBS	930	846	930	900	930	900	930	930	900	930	899	930	10955
15-17	MEAN	22.5	24.1	30.6	39.2	50.5	58.8	64.5	64.5	58.4	47.7	39.4	29.0	44.2
	SD	13.042	13.384	12.361	10.751	10.393	8.005	7.003	6.896	8.834	11.143	12.137	13.727	18.363
	TOT OBS	930	846	930	900	930	900	930	930	900	929	899	930	10954
18-20	MEAN	22.1	23.9	30.4	39.4	50.5	58.8	64.9	64.4	58.6	47.7	39.0	29.0	44.2
	SD	12.970	13.077	11.965	10.253	9.772	7.535	6.315	6.468	8.618	10.664	11.941	13.309	18.270
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	928	10954
21-23	MEAN	21.5	23.5	30.5	39.6	50.7	58.7	65.1	64.0	57.5	46.6	38.7	28.7	43.9
	SD	12.913	13.179	11.967	9.801	9.087	7.097	5.862	6.708	9.019	10.706	11.992	13.238	18.219
	TOT OBS	930	846	930	900	930	900	930	930	900	930	900	927	10953
ALL	MEAN	21.8	23.3	29.9	39.3	50.4	58.7	64.6	64.2	57.7	47.1	39.0	28.7	43.8
	SD	13.131	13.719	12.394	10.180	9.978	7.812	6.693	6.967	9.090	11.087	11.823	13.458	18.440
	TOT OBS	7440	6768	7440	7200	7440	7200	7440	7440	7199	7439	7198	7435	87639

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JAN

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	100.0	99.8	95.8	84.7	68.0	46.9	26.8	78.0	930
	03-05	100.0	100.0	100.0	100.0	96.1	87.7	70.8	50.5	29.7	79.2	930
	06-08	100.0	100.0	100.0	99.8	97.3	89.7	72.9	51.7	27.8	79.5	930
	09-11	100.0	100.0	99.7	97.4	85.6	66.2	45.6	29.7	14.0	69.4	930
	12-14	100.0	100.0	98.9	88.4	62.2	41.8	27.7	20.4	11.5	60.8	930
	15-17	100.0	100.0	99.5	90.3	68.6	47.1	29.4	22.8	12.4	62.7	930
	18-20	100.0	100.0	99.9	98.8	90.0	75.6	48.4	31.8	15.8	71.7	930
	21-23	100.0	100.0	100.0	99.7	94.0	82.9	63.1	43.1	22.7	76.2	930
TOTALS		100.0	100.0	99.8	96.8	86.2	72.0	53.2	37.1	20.1	72.2	7440

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: FEB

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUP OBS
FEB	00-02	100.0	100.0	100.0	99.8	95.9	84.2	65.2	50.4	30.1	78.0	846
	03-05	100.0	100.0	100.0	99.6	97.3	88.8	68.6	53.0	32.9	79.8	846
	06-08	100.0	100.0	100.0	100.0	98.0	89.4	71.4	53.0	33.3	80.2	846
	09-11	100.0	100.0	99.6	94.8	75.3	53.7	36.9	27.8	18.1	66.1	846
	12-14	100.0	100.0	96.5	80.3	52.8	34.5	25.2	19.1	11.3	57.5	846
	15-17	100.0	100.0	96.7	81.4	58.0	39.4	28.0	19.4	11.0	59.0	846
	18-20	100.0	100.0	99.9	96.8	83.8	64.2	45.7	31.6	16.5	69.5	846
	21-23	100.0	100.0	100.0	99.4	93.9	79.2	60.0	45.3	23.2	75.5	846
	TOTALS	100.0	100.0	99.1	94.0	81.9	66.7	50.1	37.5	22.1	70.7	6766

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: MAR

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	99.9	98.3	91.4	79.4	64.7	44.9	24.7	75.9	93C
	03-05	100.0	100.0	99.9	98.3	93.9	82.8	67.1	49.2	26.5	77.6	93C
	06-08	100.0	100.0	100.0	98.6	91.2	79.1	61.7	45.4	22.5	75.7	93C
	09-11	100.0	99.9	96.0	81.8	60.3	42.7	29.0	19.1	9.7	59.5	93C
	12-14	100.0	98.5	88.6	66.2	45.3	30.8	21.8	16.1	8.4	53.3	93C
	15-17	100.0	98.8	89.7	68.9	48.8	35.4	23.9	16.2	8.9	54.7	93C
	18-20	100.0	99.9	97.0	88.4	72.4	55.9	38.9	24.6	11.9	64.6	93C
	21-23	100.0	100.0	99.9	96.1	85.6	74.7	56.8	38.1	18.5	72.6	93C
TOTALS		100.0	99.6	96.4	87.1	73.6	60.1	45.5	31.7	16.4	66.7	744C

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: APR

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN RELATIVE HUMIDITY	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	NUM OBS		
APR	00-02	100.0	100.0	99.6	97.6	94.8	85.2	73.3	54.4	28.1	79.0	900	
	03-05	100.0	100.0	100.0	98.9	97.0	91.7	80.1	58.9	31.7	81.8	900	
	06-08	100.0	100.0	99.8	97.0	91.6	81.0	66.1	47.4	25.1	76.7	900	
	09-11	100.0	99.8	93.6	77.0	57.0	41.0	31.4	23.1	13.9	59.5	900	
	12-14	100.0	99.2	86.3	63.6	47.1	35.3	26.2	17.2	9.8	54.3	900	
	15-17	100.0	98.4	83.9	68.7	50.7	38.8	27.8	19.3	9.7	55.5	900	
	18-20	100.0	99.7	94.7	85.7	72.6	58.9	43.7	28.2	15.2	65.7	900	
	21-23	100.0	100.0	98.2	95.9	89.4	77.3	63.7	41.9	22.0	74.7	900	
	TOTALS	100.0	99.6	94.5	85.6	75.0	63.7	51.5	36.3	19.4	68.4	7200	

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: MAY

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM OBS
MAY	00-02	100.0	100.0	100.0	99.6	97.7	91.8	82.5	64.1	29.6	82.4	93C
	03-05	100.0	100.0	100.0	100.0	99.4	96.1	88.7	71.5	38.6	85.5	93C
	06-08	100.0	100.0	99.9	98.3	91.9	81.8	68.9	52.9	25.3	77.7	93C
	09-11	100.0	100.0	95.1	77.8	61.0	44.6	32.0	23.4	10.2	60.2	93C
	12-14	100.0	99.1	87.7	71.4	52.7	37.0	24.4	15.8	7.2	55.1	93C
	15-17	100.0	99.2	89.6	74.0	58.1	41.3	29.9	16.6	6.8	57.4	93C
	18-20	100.0	100.0	97.8	90.9	79.9	65.3	48.8	31.3	13.2	68.4	93C
	21-23	100.0	100.0	100.0	99.4	96.5	88.3	73.1	55.1	20.8	79.1	93C
TOTALS		100.0	99.8	96.3	88.9	79.7	68.3	56.0	41.3	19.0	70.7	744C

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JUN

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%			
JUN	00-02	100.0	100.0	100.0	100.0	99.6	97.6	90.3	69.9	23.3	83.8	900	
	03-05	100.0	100.0	100.0	100.0	99.9	99.0	93.7	78.9	32.4	86.3	900	
	06-08	100.0	100.0	100.0	99.9	96.7	86.1	69.9	46.1	14.8	77.1	900	
	09-11	100.0	100.0	99.6	90.2	64.8	40.6	26.1	13.2	4.0	59.5	900	
	12-14	100.0	100.0	97.3	79.2	52.0	28.3	16.8	8.0	2.0	53.9	900	
	15-17	100.0	100.0	98.1	82.2	56.8	34.6	19.8	11.4	2.3	56.1	900	
	18-20	100.0	100.0	99.7	95.4	82.6	64.8	43.0	23.4	6.0	67.1	900	
	21-23	100.0	100.0	100.0	99.7	98.1	92.4	76.7	50.3	15.2	79.2	900	
TOTALS		100.0	100.0	99.3	93.3	81.3	67.9	54.5	37.7	12.5	70.4	7200	

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: JUL

MONTH	HOUR (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%			
JUL	00-02	100.0	100.0	100.0	100.0	100.0	98.6	93.3	71.1	24.0	84.5	930	
	03-05	100.0	100.0	100.0	100.0	100.0	99.5	95.8	83.2	30.2	86.9	930	
	06-08	100.0	100.0	100.0	100.0	98.4	91.3	77.1	54.2	16.8	79.6	930	
	09-11	100.0	100.0	99.7	91.6	72.9	48.2	25.5	10.5	2.6	60.7	930	
	12-14	100.0	100.0	97.6	82.5	57.0	34.0	17.1	5.7	1.4	54.8	930	
	15-17	100.0	100.0	97.5	85.2	65.1	40.3	19.6	7.4	1.8	57.3	930	
	18-20	100.0	100.0	99.8	96.9	87.3	70.8	49.0	23.4	5.6	63.8	930	
	21-23	100.0	100.0	100.0	100.0	99.5	96.6	83.1	55.1	13.4	80.5	930	
	TOTALS	100.0	100.0	99.3	94.5	85.0	72.4	57.6	38.8	12.0	71.6	7440	

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: AUG

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	99.7	98.7	94.4	78.0	30.0	85.9	930
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	97.4	85.2	39.2	88.1	930
	06-08	100.0	100.0	100.0	100.0	99.2	96.5	86.9	63.5	21.6	82.6	930
	09-11	100.0	100.0	99.9	96.9	82.3	55.2	28.8	11.7	3.3	63.4	930
	12-14	100.0	100.0	99.6	89.5	65.6	38.1	17.8	6.8	1.7	57.4	930
	15-17	100.0	100.0	99.7	93.0	74.9	48.6	24.3	8.8	1.1	60.8	930
	18-20	100.0	100.0	100.0	99.7	95.4	82.6	58.0	27.4	4.3	72.4	930
	21-23	100.0	100.0	100.0	100.0	100.0	98.0	89.7	62.4	15.5	82.1	930
	TOTALS	100.0	100.0	99.9	97.4	89.6	77.2	62.2	43.0	14.6	74.1	7440

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY 1A NJ

PERIOD OF RECORD: 78-87  
MONTH: SEP

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	99.7	98.4	94.4	76.2	39.4	86.6	900
	03-05	100.0	100.0	100.0	100.0	99.9	99.3	96.9	83.2	48.0	88.6	900
	06-08	100.0	100.0	100.0	100.0	100.0	97.7	89.5	69.9	36.0	85.4	899
	09-11	100.0	100.0	100.0	96.8	81.4	56.9	35.6	18.8	6.8	65.1	900
	12-14	100.0	100.0	98.8	85.0	60.7	38.9	21.1	11.1	3.9	57.6	900
	15-17	100.0	100.0	99.1	90.8	70.3	49.8	28.2	13.8	4.6	61.3	900
	18-20	100.0	100.0	100.0	99.8	96.3	86.3	68.7	41.4	13.3	76.2	900
	21-23	100.0	100.0	100.0	99.9	99.2	97.0	88.1	66.2	28.8	83.7	900
TOTALS		100.0	100.0	99.7	96.5	88.4	78.0	65.3	47.6	22.6	75.6	7195

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 75-87  
MONTH: OCT

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	99.9	99.4	96.3	89.7	75.7	40.1	86.0	930
	03-05	100.0	100.0	100.0	100.0	99.7	98.3	93.0	80.9	51.0	88.0	930
	06-08	100.0	100.0	100.0	100.0	99.6	97.2	89.6	73.4	44.2	86.4	930
	09-11	100.0	100.0	99.5	96.3	82.4	59.7	38.1	20.8	10.1	66.4	930
	12-14	100.0	99.7	98.3	84.4	58.3	36.1	17.7	11.3	5.6	56.9	930
	15-17	100.0	99.8	98.2	90.9	71.8	49.0	28.3	14.6	7.4	61.8	929
	18-20	100.0	100.0	100.0	99.2	96.8	88.1	70.3	45.8	19.0	77.8	930
	21-23	100.0	100.0	100.0	99.7	98.7	95.4	86.2	66.5	32.7	83.9	930
	TOTALS	100.0	99.9	99.5	96.3	88.3	77.5	64.1	48.6	26.3	75.9	7439

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: NOV

MONTH	HOURS (LTT)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUM OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	99.7	98.6	93.0	82.6	66.6	40.9	83.8	900
	03-05	100.0	100.0	100.0	99.7	99.1	95.2	86.7	71.4	45.0	85.4	900
	06-08	100.0	100.0	100.0	100.0	99.6	96.3	86.9	72.2	44.1	85.7	900
	09-11	100.0	100.0	99.7	97.0	87.2	68.4	48.1	31.1	16.9	70.6	900
	12-14	100.0	100.0	97.8	87.1	65.4	43.3	28.3	18.5	10.9	60.6	899
	15-17	100.0	100.0	97.2	90.3	75.2	54.9	38.7	22.6	11.2	64.9	899
	18-20	100.0	100.0	99.8	97.8	92.8	81.2	65.1	47.1	22.4	76.4	900
	21-23	100.0	100.0	100.0	99.1	96.1	89.8	76.0	57.9	34.3	81.2	900
	TOTALS	100.0	100.0	99.3	96.3	89.3	77.8	64.1	48.4	28.2	76.1	7196

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 76-87  
MONTH: DEC

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NUM OBS
DEC	00-02	100.0	100.0	100.0	99.6	96.7	87.0	69.9	51.8	25.3	78.7	930
	03-05	100.0	100.0	100.0	100.0	97.5	88.8	72.8	57.6	29.5	80.1	930
	06-08	100.0	100.0	100.0	99.6	97.4	89.4	74.3	58.1	30.4	80.4	930
	09-11	100.0	100.0	99.7	96.3	83.9	63.9	44.9	31.3	16.5	69.3	930
	12-14	100.0	100.0	98.2	86.2	58.7	39.5	25.9	17.3	10.8	59.2	930
	15-17	100.0	99.9	98.7	89.4	67.4	46.9	31.1	21.6	11.8	62.3	930
	18-20	100.0	100.0	99.9	97.6	90.8	76.8	55.7	36.3	16.5	73.2	926
	21-23	100.0	100.0	99.9	98.8	95.9	85.4	68.7	48.0	22.0	77.5	927
TOTALS		100.0	100.0	99.6	95.9	86.0	72.2	55.4	40.3	20.4	72.6	7431

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

RELATIVE HUMIDITY

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87  
MONTH: ALL

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN										MEAN	TOTAL
		10%	20%	30%	40%	50%	60%	70%	80%	90%	(RELATIVE HUMIDITY)	NUM OBS	
JAN	ALL	100.0	100.0	99.8	96.8	86.2	72.0	53.2	37.1	20.1	72.2	7440	
FEB		100.0	100.0	99.1	94.0	81.9	66.7	50.1	37.5	22.1	70.7	6766	
MAR		100.0	99.6	96.4	87.1	73.6	60.1	45.5	31.7	16.4	66.7	7440	
APR		100.0	99.6	94.5	85.6	75.0	63.7	51.5	36.3	19.4	68.4	7200	
MAY		100.0	99.8	96.3	88.9	79.7	68.3	56.0	41.3	19.0	70.7	7440	
JUN		100.0	100.0	99.3	93.3	81.3	67.9	54.5	37.7	12.5	70.4	7200	
JUL		100.0	100.0	99.3	94.5	85.0	72.4	57.6	38.8	12.0	71.6	7440	
AUG		100.0	100.0	99.9	97.4	89.6	77.2	62.2	43.0	14.6	74.1	7440	
SEP		100.0	100.0	99.7	96.5	88.4	78.0	65.3	47.6	22.6	75.6	7195	
OCT		100.0	99.9	99.5	96.3	88.3	77.5	64.1	48.6	26.3	75.9	7435	
NOV		100.0	100.0	99.3	96.3	89.3	77.8	64.1	48.4	28.2	76.1	7196	
DEC		100.0	100.0	99.6	95.9	86.0	72.2	55.4	40.3	20.4	72.6	7435	
TOTALS		100.0	99.9	98.6	93.6	83.7	71.2	56.6	40.7	19.5	72.1	87639	

PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTT	FFFFFFFFF
PPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTT	FFFFFFFFF
PP PP	AA AA	RR RR	TT	FF
PP PP	AA AA	RR RR	TT	FF
PPPPPPP	AA AA	RRRRRRR	TT	FFFFF
PPPPPPP	AAAAAAAAA	RRRRRRR	TT	FFFFF
PP	AAAAAAAAA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF

PRESSURE SUMMARIES

STATION PRESSURE SUMMARIES:

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

SEA LEVEL PRESSURE SUMMARIES:

DATA DERIVED FROM HOURLY OBSERVATIONS.

SUMMARIZED BY THE STANDARD 3-HOUR TIME GROUPS BY MONTH, MONTHLY AND ANNUALLY (ALL YEARS COMBINED).

PRESENTED ARE THE MEANS, STANDARD DEVIATIONS AND OBSERVATION COUNTS.

SEA LEVEL PRESSURE SUMMARIES ARE UNAVAILABLE FOR METAR REPORTING STATIONS.

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

STATION PRESSURE IN INCHES HG FROM  
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
01	MEAN	29.940	29.980	29.927	29.876	29.894	29.891	29.908	29.944	29.988	30.018	30.014	30.000	29.948
	SD	.309	.271	.274	.232	.170	.158	.131	.125	.159	.206	.250	.277	.227
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
04	MEAN	29.940	29.973	29.914	29.867	29.890	29.888	29.905	29.936	29.981	30.014	30.011	30.004	29.943
	SD	.309	.274	.276	.235	.173	.160	.132	.127	.165	.206	.251	.274	.228
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
07	MEAN	29.954	29.995	29.943	29.895	29.920	29.914	29.930	29.964	30.009	30.038	30.032	30.025	29.968
	SD	.309	.279	.279	.244	.174	.164	.133	.129	.175	.210	.250	.270	.230
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
10	MEAN	29.979	30.011	29.953	29.896	29.922	29.914	29.933	29.972	30.019	30.049	30.047	30.053	29.979
	SD	.310	.282	.285	.250	.175	.167	.136	.130	.179	.219	.249	.268	.234
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
13	MEAN	29.916	29.969	29.913	29.866	29.896	29.894	29.913	29.949	29.992	30.010	29.999	29.996	29.943
	SD	.311	.281	.285	.246	.177	.166	.137	.129	.165	.222	.243	.263	.231
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
16	MEAN	29.911	29.951	29.885	29.840	29.873	29.872	29.890	29.927	29.968	29.996	29.991	29.993	29.925
	SD	.310	.277	.277	.241	.176	.164	.137	.126	.161	.221	.237	.259	.229
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
19	MEAN	29.940	29.979	29.908	29.856	29.882	29.880	29.893	29.933	29.980	30.019	30.013	30.015	29.941
	SD	.312	.273	.271	.235	.170	.157	.135	.123	.157	.219	.235	.264	.227
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
22	MEAN	29.946	29.990	29.928	29.880	29.905	29.905	29.915	29.955	29.995	30.034	30.017	30.016	29.957
	SD	.309	.268	.268	.231	.168	.153	.132	.122	.158	.214	.241	.270	.224
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
ALL	MEAN	29.941	29.981	29.921	29.872	29.898	29.895	29.911	29.948	29.992	30.022	30.016	30.013	29.951
	SD	.310	.276	.277	.240	.173	.161	.135	.127	.166	.215	.245	.268	.229
HOURS	TOT OBS	2480	2256	2480	2400	2480	2400	2480	2480	2400	2480	2400	2477	29213

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

SEA LEVEL PRESSURE IN MBS FROM  
HOURLY OBSERVATIONS

MEANS AND STANDARD DEVIATIONS

STATION NUMBER: 724070 STATION NAME: ATLANTIC CITY IAP NJ

PERIOD OF RECORD: 78-87

HOURS LST	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
01	MEAN	1016.5	1017.9	1016.1	1014.3	1015.0	1014.9	1015.4	1016.6	1018.2	1019.2	1019.1	1018.5	1016.8
	SD	10.467	9.180	9.278	7.830	5.775	5.352	4.470	4.233	5.395	7.004	8.472	9.394	7.683
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
04	MEAN	1016.5	1017.6	1015.6	1014.0	1014.8	1014.7	1015.3	1016.4	1017.9	1019.0	1018.9	1018.7	1016.6
	SD	10.483	9.307	9.366	7.948	5.879	5.405	4.490	4.311	5.612	7.034	8.514	9.293	7.748
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
07	MEAN	1017.0	1018.4	1016.6	1015.0	1015.8	1015.6	1016.2	1017.3	1018.8	1019.8	1019.6	1019.4	1017.5
	SD	10.483	9.451	9.461	8.240	5.914	5.557	4.518	4.382	5.945	7.149	8.469	9.148	7.808
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
10	MEAN	1017.8	1018.9	1016.9	1015.0	1015.9	1015.7	1016.3	1017.6	1019.2	1020.2	1020.2	1020.3	1017.8
	SD	10.530	9.606	9.677	8.459	5.962	5.652	4.632	4.418	6.103	7.473	8.463	9.099	7.962
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
13	MEAN	1015.7	1017.5	1015.6	1014.0	1015.0	1014.9	1015.6	1016.8	1018.3	1018.9	1018.5	1018.5	1016.6
	SD	10.533	9.571	9.657	8.325	6.018	5.638	4.644	4.376	5.626	7.555	8.276	8.912	7.838
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
16	MEAN	1015.5	1016.9	1014.6	1013.1	1014.2	1014.2	1014.8	1016.0	1017.5	1018.4	1018.2	1018.3	1016.0
	SD	10.498	9.403	9.387	8.140	5.985	5.532	4.671	4.294	5.482	7.539	8.033	8.781	7.756
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
19	MEAN	1016.5	1017.8	1015.4	1013.7	1014.5	1014.5	1014.9	1016.3	1017.8	1019.2	1019.0	1019.1	1016.5
	SD	10.575	9.228	9.162	7.947	5.791	5.296	4.568	4.171	5.363	7.443	7.982	8.952	7.701
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
22	MEAN	1016.7	1018.2	1016.1	1014.5	1015.3	1015.3	1015.7	1017.0	1018.4	1019.7	1019.1	1019.1	1017.1
	SD	10.491	9.098	9.117	7.837	5.713	5.187	4.475	4.160	5.374	7.285	8.175	9.171	7.628
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
ALL	MEAN	1016.5	1017.4	1015.9	1014.2	1015.1	1015.0	1015.5	1016.8	1018.3	1019.3	1019.1	1019.0	1016.9
	SD	10.514	9.360	9.401	8.104	5.898	5.469	4.579	4.316	5.634	7.323	8.308	9.104	7.784
HOURS	TOT OBS	2480	2256	2480	2400	2480	2400	2480	2480	2400	2480	2400	2478	29214